

MEST

**SMART
DISPENSING**

智能点胶

精微致远, 迈向未来
Micro Insight, Macro Impact.

MEST

让点胶更简单 SMART DISPENSING

公司特写： 做首屈一指的 中国“智”造

MEST迈伺特，M来自“Mechanical”（机械），E来自“Electronics”（电子），S来自“Software”（软件），T来自“Technology”（技术），这个命名源于迈伺特创始人学生时代接触到机械设计自动化时的初心，机械工程是严谨、高效而浪漫的，就像发明家莱特兄弟对机械制造保持了一生的热爱，用天才的创造力，发明了世界上第一架成功的飞机，把人类过去的飞天梦想从神话变成了现实。

中国制造的本土源头，离不开越来越多的制造业企业，尤其是那些有能力进行关键技术自主创新研发的企业。MEST迈伺特也希望带着对机械设计的热爱、对身为中国企业的自豪、对智能化浪潮的追逐，助力中国“智”造迈向光明的未来！

The Company: Leading China's "Smart" Manufacturing

MEST, M from "Mechanical", E from "Electronics", S from "Software", T from "Technology", The name comes from the founder's original heart when he came into contact with the automation of mechanical design when he was a student. Mechanical engineering is rigorous, efficient and romantic, just like the inventors Wright brothers maintained a lifelong love for mechanical manufacturing, and invented the world's first successful airplane with genius's creativity, turning the flying dream of mankind from a myth to a reality.

The local source of Chinese manufacturing is inseparable from more and more manufacturing enterprises, especially those enterprises that have the ability to carry out independent innovation and research and development of key technologies. MEST also hopes to take the love of mechanical design, the pride of being a Chinese enterprise, and the pursuit of the intelligent wave to help China's "intelligent" manufacturing to a bright future!

Vision 愿景

全球精密流体与数字化打印
领域的创新引领者

A Global Innovation Leader in
Precision Fluid and Digital Printing

Mission 使命

赋能客户智造，共创行业未来
成就奋斗者成长

Empowering Innovation,
Shaping the Future, Enabling Strivers

Values 价值观

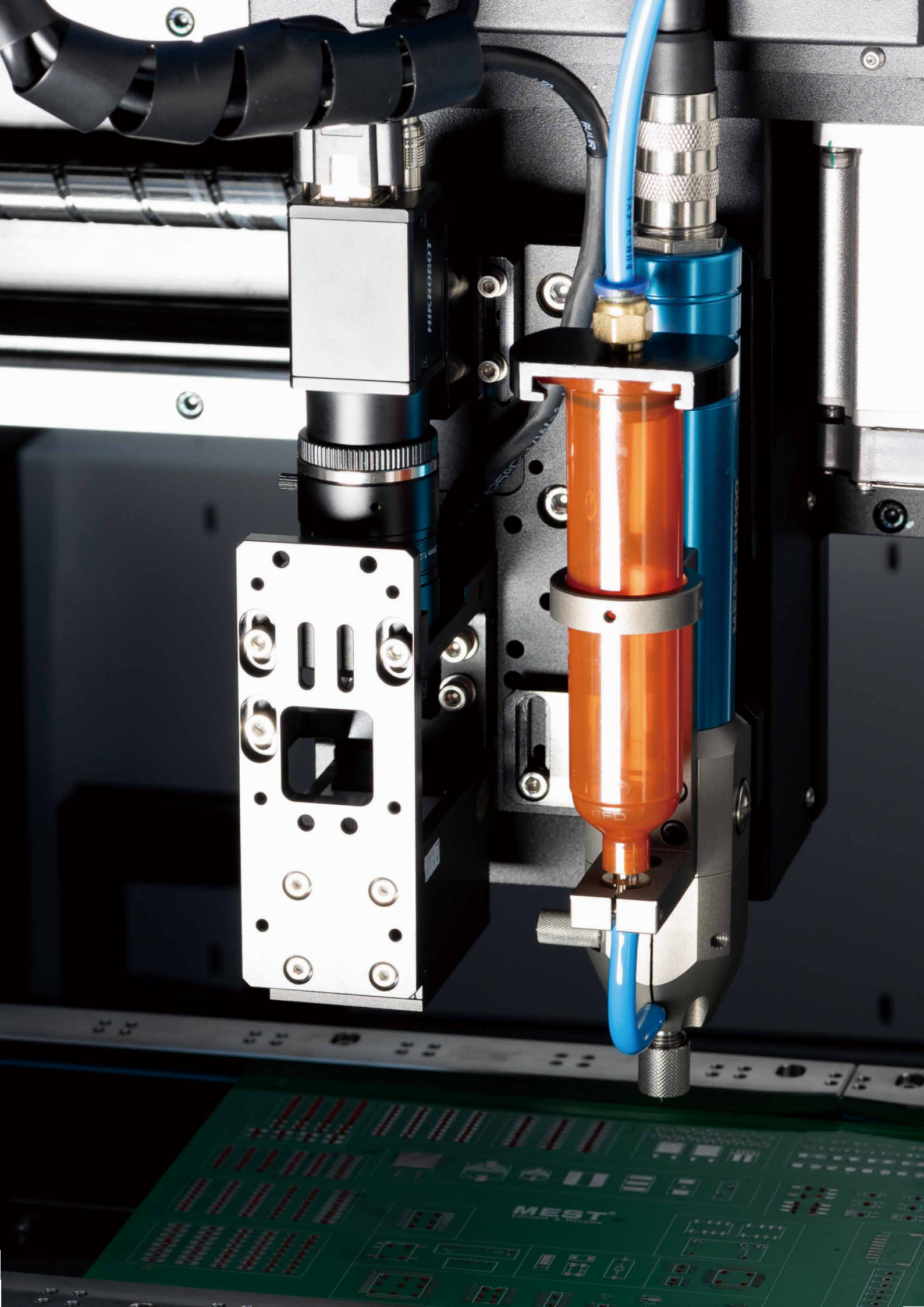
担当、勤奋、敏捷、
团结、致远

Responsibility, Diligence
Agility, Unity, Vision

Philosophy 理念

与卓越制造，同行共进

Partnering with Excellence in
Manufacturing, Progressing Together.



2014

迈伺特公司成立
第一台点胶机T8问世。

MEST Founded;
First Dispensing Machine T8 Launched.

2016

双组分灌胶机、气动点胶控制器
研发成功、实现量产

Launched and Mass-Produced
Two-Component Dispensing Machines and
Pneumatic Dispensing Controllers

2018

全景视觉点胶机、气动喷射阀、
撞针阀立项研发。

Panoramic Dispensing Machine,
Pneumatic Jetting Valve, and Needle Valve
Projects Launched.

2015

桌面式点胶机研发成功
全面成为集研发、生产、销售
于一体的省级高新技术企业。

Launched Our Desktop Dispensing Unit;
Became a Provincial High-Tech Enterprise
Integrating R&D, Manufacturing, and Sales

2017

产品战略部成立
单机自动化设备项目
——自动点钻机立项研发。

Product Strategy Dept Founded;
Auto Stone Setting Machine Project Launched.

2019

迈伺特压电阀立项研发
自主研发的点钻机年出货量行业第一。

MEST Piezo Valve Project Launched;
Auto Stone Setting Machine
Ranks First in Annual Shipments.

2020

迈何特创新技术通过20+项专利申请
荣获“国家高新技术企业”称号
全景视觉点胶机年出货量行业第一。

MEST Filed 20+ Patent Applications;
Recognized as National High-Tech Enterprise;
Panoramic Dispensing Machine
Ranks First in Annual Shipments.

2023

福建泉州、潮汕梅陇等办事处开业
王牌产品蜡镶机、视觉UV打印机引爆市场。

Opened Offices in Quanzhou
& Meilong, Chaoshan;
Wax Stone Setting Machine & Visual
Positioning UV Printer Became Market Hits.

2025

打印国际事业部成立
海外业务加快进程。

Printing International Division
Established; Overseas Expansion
Accelerated.

2022

迈何特品牌重塑、形象焕新
荣获“专精特新”企业认定
真空灌胶系列产品引发市场关注
启动海外业务，进军东南亚、南美等市场。

MEST completed a brand refresh;
Officially recognized as a specialized and innovative enterprise;
Vacuum potting systems gained strong market momentum;
Expanded into Southeast Asia and South America.

2024

新总部搬迁。
Headquarters Relocation.

迈伺特简介

MEST迈伺特是中国精密流体应用制造商，成立于2014年，凭借多年自主研发的经验和严格的质量保障，MEST迈伺特为客户提供优质的精密点胶、粘接、表面涂覆、定点灌封等一站式解决方案。应用行业遍布汽车电子、光伏、消费电子、安防监控、半导体、航空航天、军工和医疗器械等众多领域。

MEST迈伺特拥有一支经验丰富、技术精湛的研发团队，已获得100+专利。本着“以质量求生存，以信誉求发展”的经营理念，MEST迈伺特越来越受到国内外一线品牌和行业客户的认可。

24年底，MEST迈伺特30000+m²新总部大楼正式启用。每年研发投入占营收比超10%。生产基地集研发、制造、销售、服务于一体，以满足日益增长的市场需求。

MEST Brief Introduction

MEST is a Chinese precision fluid application manufacturer founded in 2014. With years of experience in independent R&D and strict quality assurance, MEST provides customers with high-quality precision dispensing, bonding, surface coating, potting and other one-stop solutions. The application industry covers many fields such as automotive electronics, photovoltaic, consumer electronics, security monitoring, semiconductor, aerospace, military and medical equipment.

MEST has an experienced and skilled R&D team that has obtained 100+ patents. In line with the business philosophy of "survival by quality, development by reputation", MEST is increasingly recognized by domestic and foreign first-tier brands and industry customers.

MEST's new 30,000+m² headquarters officially opened by the end of 2024. Annual R&D investment accounted for more than 10% of revenue. The production base integrates research and development, manufacturing, sales and service to meet the growing market demand.

30000+

研发生产基地(m²)

R&D and Manufacturing Base (m²)

5000+

点胶解决方案
Dispensing Solutions

100+

研发专利
R&D Patents



MEST
SMART DISPENSING

F910

PART A

点胶工艺辐射图
Dispensing Process Overview

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PART B

真空压盘泵 MEST-G180
Piston Drum Pump MEST- G180

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真空注胶站 MEST-GV334
Vacuum Dispensing Station MEST- GV334

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真空压盘泵 MEST-G280
Piston Drum Pump MEST- G280

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三轴点胶平台 MEST-GM542
Three-axis Dispensing Platform MEST- GM-542

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真空中转翻料系统 MEST-G380TPC
Vacuum Feeder MEST- G380TPC

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柱塞式定量机 MEST-MP50
Plunger Metering Pump MEST- MP50

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真空备料单元 MEST-G380
Vacuum Feeder MEST- G380

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PART C

在线式视觉点胶机 MEST-C5系列
Inline Visual Dispensing Machine MEST- C5 series

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全景视觉点胶机 MEST-V系列
Panoramic Dispensing Machine MEST- V series

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视觉桌面点胶机 MEST-TSV系列
Visual Desktop Dispensing Machine MEST- TSV series

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桌面点胶机 MEST-TS系列
Desktop Dispensing Machine MEST- TS series

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桌面点胶机 MEST-TP系列
Desktop Dispensing Machine MEST- TP series

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PART D

齿轮注胶阀 MEST-GP30
Gear Metering Pump MEST- GP30

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单液螺杆阀 MEST-F2000及控制器
1C Screw Valve MEST- F2000 & Controller

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活塞注胶阀 MEST-P20
Piston Metering Pump MEST- P20

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双液螺杆阀 MEST-FD2000及控制器
2C Screw Valve MEST- FD2000 & Controller

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顶针式出胶阀 MEST-VP50
Needle-Type Dispensing Valve MEST- VP50

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高速喷射阀 MEST-F800及控制器
Jetting Valve MEST- F800 & Controller

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压电喷射阀 MEST-F910及控制器
Piezo Jetting Valve MEST- F910 & Controller

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撞针阀 MEST-F700及控制器
Needle Valve MEST- F700 & Controller

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高粘度螺杆阀 MEST-F1000及控制器
High-Viscosity Screw Valve MEST- F1000
& Controller

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回吸阀 MEST-F600及控制器
Suck-Back Valve MEST- F600 & Controller

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PART F

我们的项目管理
MEST Project Management

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服务网络
Service Network

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点胶工艺辐射图

Dispensing Process Overview



涂覆 COATING

保护材料免受腐蚀延长使用寿命
Material Protection to Prevent Corrosion
and Extend Service Life



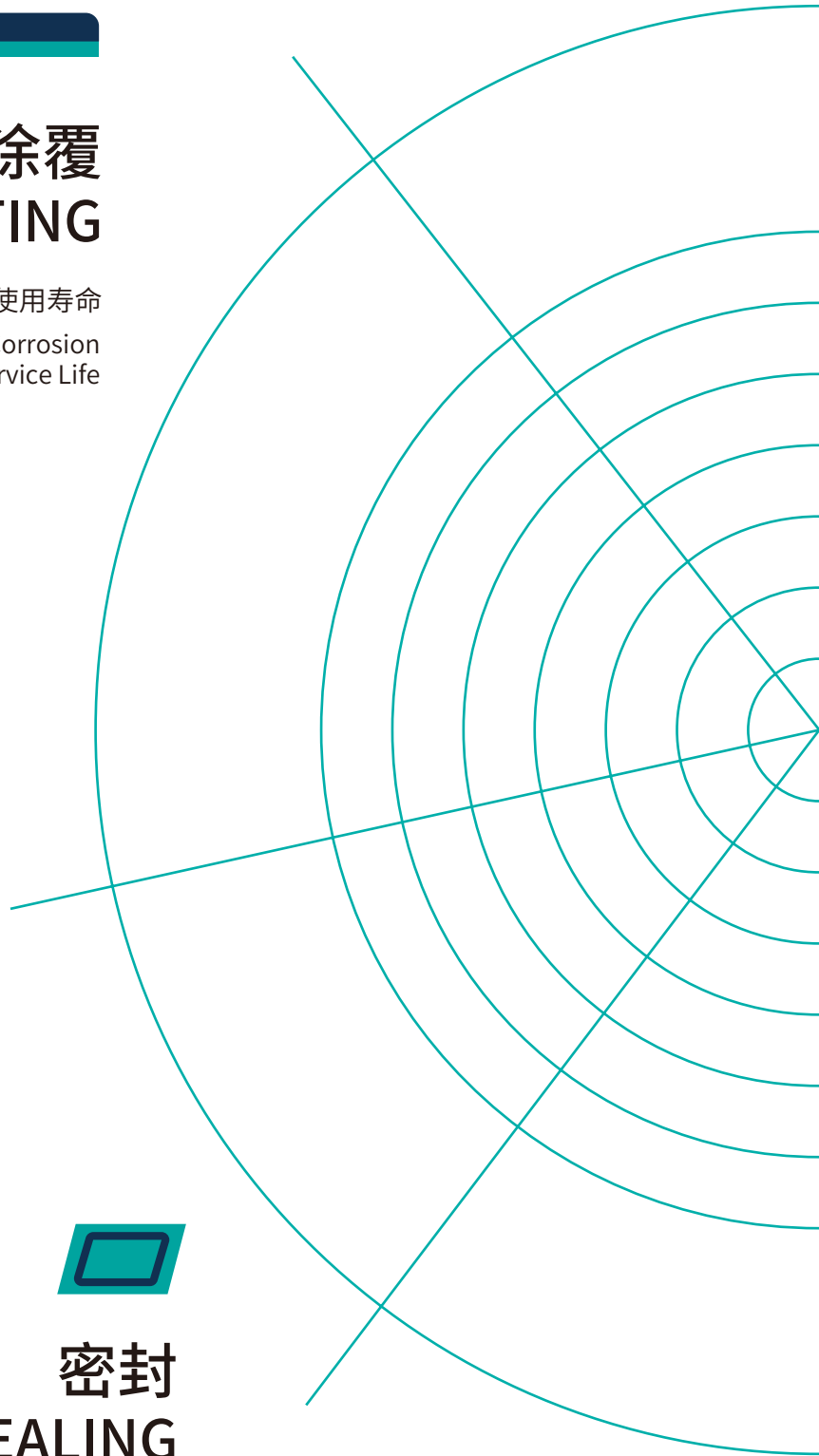
真空接合 VACUUM BONDING

利用真空环境粘合材料
Vacuum-Assisted Material Bonding



密封 SEALING

作为连接元件，隔绝敏感部位免受外部环境影响
Serves as a connecting element,
protecting sensitive areas from environmental influences.





灌封 POTTING

保护敏感材料不受外部影响
Protect sensitive materials from external influences.



粘接 BONDING

紧密连接两个或两个以上部件
Provide a secure connection between
Two or more components



绝缘 INSULATION

绝缘层上实现精确的涂层和密封
Achieve precise coating and sealing
on insulation layers.



导热 THERMAL CONDUCTIVITY

提高材料散热性能，确保产品正常运行
Enhance material heat dissipation to ensure reliable
product operation.

真空灌胶系列 VACUUM DISPENSING SERIES



压盘泵 PISTON DRUM PUMP

MEST-G180

迈伺特自主研发生产的压盘泵MEST-G180用于处理各种粘度非研磨性的单、双组份灌封材料，柱塞式供料泵可不间断供胶，内部集成智能化控制系统可以实时监控系统状态。

The MEST-G180 Piston Drum Pump, independently developed and manufactured by MEST, is designed to handle single- and two-component potting materials of various viscosities (non-abrasive). This plunger-type supply pump enables continuous material dispensing, with an integrated intelligent control system for real-time system status monitoring.

产品特点**Product Characteristics**

集成的往复柱塞泵确保了材料供应的可靠与连续，在泵的上升和下降行程中都始终保持输送材料。UI交互极具人性化，系统操作简便，运行安全可靠。

Integrated reciprocating plunger pump delivers material on both up and down strokes for reliable, continuous supply. Intuitive UI ensures safe, easy operation.

应用领域**Applications**

在汽车电子、光伏、消费电子、家用电器、航空航天航海、军工和医疗器械等行业应用广泛。例如ECU、转向和刹车控制系统、壳体密封等。

Widely used in automotive electronics, photovoltaics, consumer electronics, home appliances, aerospace, marine, military, and medical devices. Applications include ECUs, steering/brake systems, and housing sealing.

适合流体**Suitable fluids**

非研磨性的单、双组份的导热硅脂和结构胶。

Non-abrasive single- and two-component thermal grease and structural adhesive.

MEST-G180

双组份尺寸 (mm) Dimensions (Two-Component Model)	1650(W)*700(D)*1650(H)
单组份尺寸 (mm) Dimensions (Single-Component Model)	1000(W)*700(D)*1650(H)
双组份重量 (kg) Weight (Two-Component Model)	≈500
单组份重量 (kg) Weight (Single-Component Model)	≈300
控制系统 Control System	PLC+触摸屏+迈伺特自主开发的控制软件 PLC + Touchscreen + MEST-Developed Control Software
压力桶规格 (Gal) Pressure Tank Size	5
出胶方式 Pump Type	柱塞泵 Plunger Pump
进胶方式 Feed Method	原料桶直连 Direct Connection to Material Drum
适用粘度范围 (cps) Applicable Viscosity Range	0-1000000
液位检测功能 Level Detection Function	0-100%
功率 (W) Power	600
输入电源 Input Power Supply	AC220V±10% 50Hz
气源压力 (MPa) Air Source Pressure	≥0.55
外部端口 External Ports	I/O控制 I/O Control
适用环境温度 (°C) Applicable Ambient Temperature	0-50

真空灌胶系列 VACUUM DISPENSING SERIES



真空压盘泵 PISTON DRUM PUMP

MEST-G280

迈伺特自主研发生产的真空压盘泵MEST- G280用于处理高粘度研磨性与非研磨性的单、双组份散热、密封材料。真空压盘泵可自动对胶桶表面的胶水进行真空脱泡，双活塞式供料泵，可不间断提供胶。

MEST-G280 Vacuum Piston Drum Pump handles high-viscosity abrasive/non-abrasive single/two-component thermal & sealing materials; features automatic vacuum degassing and dual-piston design for non-stop dispensing.

应用领域
Applications

在汽车电子、光伏、消费电子、家用电器、航空航天航海、军工和医疗器械等行业应用广泛。例如ECU、转向和刹车控制系统、电路板散热等。
Widely used in automotive electronics, photovoltaics, consumer electronics, home appliances, aerospace, marine, military, and medical devices. Applications include ECUs, steering and brake control systems, and circuit board cooling.

适合流体
Suitable fluids

研磨性与非研磨性的单、双组份的导热硅脂和结构胶、粘合剂。
Abrasive and Non-Abrasive Single- and Two-Component Thermal Grease, Structural Adhesive, and Adhesive



工艺可靠性
Process Reliability



耐用性
Durability



不停机
Non-stop Operation



人性化
User-Friendly

MEST-G280

双组份尺寸 (mm) Dimensions (Two-Component Model)	1650(W)*700(D)*1650(H)
单组份尺寸 (mm) Dimensions (Single-Component Model)	1000(W)*700(D)*1650(H)
双组份重量 (kg) Weight (Two-Component Model)	≈ 500
单组份重量 (kg) Weight (Single-Component Model)	≈ 300
控制系统 Control System	PLC+触摸屏+迈伺特自主开发的控制软件 PLC + Touchscreen + MEST-Developed Control Software
压力桶规格 (Gal) Pressure Tank Size	5
出胶方式 Pump Type	活塞泵 Piston pump
进胶方式 Feed Method	原料桶直连 Direct Connection to Material Drum
稳定系统 Stabilization System	电子PID控制 Electronic PID Control
适用粘度范围 (cps) Applicable Viscosity Range	100000-2000000+
液位检测功能 Level Detection Function	0-100%
功率 (W) Power	600
输入电源 Input Power Supply	AC220V±10% 50Hz
气源压力 (MPa) Air Source Pressure	≥0.55
外部端口 External Ports	I/O控制 I/O Control
适用环境温度 (°C) Applicable Ambient Temperature	0-50

真空灌胶系列
VACUUM DISPENSING SERIES



真空中转翻料系统
VACUUM FEEDER

MEST
G380TPC

迈伺特自主研发生产的真空中转翻料系统—MEST-G380TPC用于处理会与水分发生反应或需要在真空中准备的高粘度50000-100000敏感材料，具备加热、搅拌、抽真空等胶水预处理功能。

MEST-G380TPC Vacuum Material Handling System processes high-viscosity (50,000–100,000 cps) sensitive materials that react with moisture or require vacuum preparation, with heating, mixing, and vacuum degassing functions.

应用领域**Applications**

在汽车电子、光伏、消费电子、家用电器、航空航天航海、深水、军工和医疗器械等行业应用广泛。例如变压器、点火线圈、控制器、电子元件、芯片封装等。

Widely used in automotive electronics, photovoltaics, consumer electronics, home appliances, aerospace, marine, deep-sea, military, and medical devices. Applications include transformers, ignition coils, controllers, electronic components, and chip packaging.

适合流体**Suitable fluids**

单、双组份的环氧树脂、聚氨酯、硅胶。

Single- and Two-Component Epoxy, Polyurethane, and Silicone



真空供料
Vacuum Feeding



模块化
Modular Design



耐用性
Durability



不停机
Non-stop Operation



人性化
User-Friendly

MEST-G380TPC

整体尺寸 (mm) Overall Dimensions	1800(W)*850(D)*1900(H)
重量 (kg) Weight	≈500
控制系统 Control System	PLC+触摸屏+迈伺特自主开发的控制软件 PLC + Touchscreen + MEST-Developed Control Software
压力桶规格 (L) Pressure Tank Specification	80
压力桶材质 Pressure Tank Material	304
出胶方式 Pump Type	活塞泵 Piston Pump
进胶方式 Feeding Method	压盘泵 / 预处理供料 Piston Drum Pump / Material Pre-Feeding
适用粘度范围 (cps) Applicable Viscosity Range	50000-100000
真空度 (mbar) Vacuum Degree	≤2
加热温度 (°C) Heating Temperature	25-100
功率 (W) Power	5000
输入电源 Input Power Supply	AC380V±10% 50Hz
气源压力 (MPa) Air Source Pressure	≥0.55
适用环境温度 (°C) Applicable Ambient Temperature	0-50

真空灌胶系列
VACUUM DISPENSING SERIES



真空备料单元
VACUUM FEEDER

MEST-G380

迈伺特自主研发生产的真空备料单元MEST-G380用于处理会与水分发生反应或需要在真空中准备的敏感材料，具备加热、搅拌、抽真空等胶水预处理功能。

MEST-G380 Vacuum Feeder** processes moisture-reactive materials or those requiring vacuum preparation, with pre-treatment functions including heating, mixing, and degassing.

应用领域**Applications**

在汽车电子、光伏、消费电子、家用电器、航空航天航海、深水、军工和医疗器械等行业应用广泛。例如PACK模组、控制器、电子元件、芯片散热等。

Widely used in automotive electronics, photovoltaics, consumer electronics, home appliances, aerospace, marine, deep-sea, military, and medical devices. Applications include battery PACK modules, controllers, electronic components, and chip cooling.

适合流体**Suitable fluids**

单、双组份聚氨酯、硅胶等散热胶。

Single-component and two-component polyurethane, silicone, and other thermal conductive adhesives.



真空供料
Vacuum Feeding



模块化
Modular Design



耐用性
Durability



不停机
Non-stop Operation



人性化
User-Friendly

MEST-G380

整体尺寸 (mm) Overall Dimensions	1650(W)*700(D)*1700(H)
重量 (kg) Weight	≈500
控制系统 Control System	PLC+触摸屏+迈伺特自主开发的控制软件 PLC + Touchscreen + MEST-Developed Control Software
压力桶规格 (L) Pressure Tank Specification	45/60
压力桶材质 Pressure Tank Material	304
出胶方式 Pump Type	活塞泵 Piston Pump
进胶方式 Pump Type	真空抽胶 Vacuum Material Drawing
适用粘度范围 (cps) Applicable Viscosity Range	0-50000 (能自流平的胶体) 0-50,000 cps (self-leveling materials)
真空度 (mbar) Vacuum Degree	≤2
加热温度 (°C) Heating Temperature	25-100
功率 (W) Power	5000
输入电源 Input Power Supply	AC380V±10% 50Hz
气源压力 (MPa) Air Source Pressure	≥0.5
适用环境温度 (°C) Applicable Ambient Temperature	0-50

真空灌胶系列 VACUUM DISPENSING SERIES



真空注胶站 MEST-GV334 VACUUM DISPENSING STATION

迈伺特自主研发生产的真空注胶站MEST-GV334适用于对气泡要求极高、需要在真空环境下点胶的产品，配合迈伺特自主研发生产的真空备料机、活塞注胶阀P20可实现单头或多头同时定量灌封，保证产品灌封无气泡，提高生产效率的同时保障产品质量。可根据客户实际需求设计产品。

MEST-GV334 Vacuum Potting Station is designed for bubble-free dispensing under vacuum. Integrated with MEST's vacuum feeder and piston metering pump P20, it enables single or multi-head simultaneous precision potting—ensuring bubble-free results, higher efficiency, and consistent quality. Customizable for diverse needs.

应用领域**Applications**

在汽车电子、光伏、消费电子、家用电器、航空航天航海、深水、军工等行业应用广泛。

Widely used in automotive electronics, photovoltaics, consumer electronics, home appliances, aerospace, marine, deep-sea, and military industries.

适合流体**Suitable fluids**

环氧树脂、聚氨酯、硅胶系。

Epoxy, Polyurethane, Silicone



真空灌封
Vacuum Potting



模块化
Modular Design



可靠性
Reliability



人性化
User-Friendly

MEST-GV334

整体尺寸 (mm) Overall Dimensions	1600(W)*1250(D)*2500(H)
重量 (kg) Weight	≈600
工作范围 (mm) Working Range	定制 Customization
真空箱材质及厚度 (mm) Vacuum Chamber Material & Thickness	6061 / 35
控制系统 Control System	工控机+运动控制器+迈伺特自主开发的控制软件 Industrial PC + Motion Controller + MEST-Developed Control Software
最高移动速度 (mm/s) Max Movement Speed	200
机台负载 (kg) Table Load	≤100
最大产品尺寸 (mm) Max Product Dimensions	400*400*400
真空度 (mbar) Vacuum Degree	≤2
功率 (W) Power	12000
输入电源 Input Power Supply	AC380V±10% 50Hz
气源压力 (MPa) Air Source Pressure	≥0.5
适用环境温度 (°C) Applicable Ambient Temperature	0-50

真空灌胶系列 VACUUM DISPENSING SERIES



三轴点胶平台 MEST-GM542 THREE-AXIS DISPENSING PLATFORM

迈伺特自主研发生产的三轴点胶平台MEST-GM系列可作为P20、GP30等注胶头的安装体，确保注胶头高速、精准、稳固地按设定轨迹运行和点胶，保证客户产品点胶一致性、稳定性。

The MEST-GM Series 3-Axis Dispensing Platform, independently developed and manufactured by MEST, serves as a mounting base for dispensing heads such as the P20 and GP30. It ensures high-speed, precise, and stable operation along programmed trajectories, guaranteeing consistent and reliable dispensing results for customer products.

应用领域 Applications

在汽车电子、光伏、消费电子、家用电器、航空航天航海、深水、军工等行业应用广泛。

Widely used in automotive electronics, photovoltaics, consumer electronics, home appliances, aerospace, marine, deep-sea, and military industries.



模块化
Modular Design



人性化
User-Friendly

MEST-GM542

整体尺寸 (mm) Overall Dimensions	1600(W)*1250(D)*2500(H)
工作范围 (mm) Working Range	定制 Customization
控制系统 Control System	工控机+运动控制器+迈伺特自主开发的控制软件 Industrial PC + Motion Controller + MEST-Developed Control Software
最高移动速度 (mm/s) Max Movement Speed	200
Z轴负载 (kg) Z-Axis Load	≤20
功率 (W) Power	1500
输入电源 Input Power Supply	AC220V±10% 50Hz
气源压力 (MPa) Air Source Pressure	≥0.55
适用环境温度 (°C) Applicable Ambient Temperature	0-50

真空灌胶系列 VACUUM DISPENSING SERIES



柱塞式定量机

MEST-MP50

PLUNGER METERING PUMP

迈伺特自主研发生产的柱塞式定量机MEST-MP50，采用耐磨缸体材料，适用于带填料的双组份胶水，在进料端和计量端进行在线压力监控，间隙式计量供料。

The MEST-MP50 Plunger-Type Metering Pump, independently developed and manufactured by MEST, features wear-resistant cylinder materials and is designed for filled two-component adhesives. It enables intermittent metering and supply with real-time pressure monitoring at both the inlet and metering ends.

应用领域 Applications

在汽车电子、光伏、消费电子、家用电器、航空航天航海、深水、军工和医疗器械等行业应用广泛。例如PACK模组、控制器、电子元件、芯片散热等。

Widely used in automotive electronics, photovoltaics, consumer electronics, home appliances, aerospace, marine, deep-sea, military, and medical devices. Applications include PACK modules, controllers, electronic components, and chip cooling.

适合流体 Suitable fluids

双组份聚氨酯、硅胶等散热胶。

Two-component polyurethane, silicone, and other thermal conductive adhesives.



模块化
Modular Design



人性化
User-Friendly



耐用性
Durability

MEST-MP50

计量方式 Metering Method	柱塞式 Plunger-Type
最大计量 (ml) Max Metering Volume	1000 (双组份) 1000 (Two-Component)
填料时间 (s) Fill Time	7
出胶速度 (ml/s) Material Supplying Speed	4-40
计量精度 Metering Accuracy	±5%
压力范围 (bar) Pressure Range	0-100
混合比例 Mixing Ratio	100:100-100:10
功率 (W) Power	2000
在线监控 Online Monitoring	扭矩监控、压力监控、位置监控 Torque Monitoring, Pressure Monitoring, Position Monitoring

在线式视觉点胶机

INLINE VISUAL DISPENSING MACHINE

MEST-C5系列

经典点胶系列

CLASSIC DISPENSING SERIES

迈伺特自主研发生产的在线式视觉点胶机MEST-C5系列，具有高效、智能、高精度等特点。

MEST-C5 Series Inline Visual Dispensing Machine (self-developed) features high efficiency, intelligence, and precision.



	MEST-C5	MEST-C5 MEST-C5M (洁净版Cleanroom Version)
整体尺寸 (mm) Overall Dimensions	770(W)*1450(D)*1550(H)	770(W)*1450(D)*1550(H) 1350(W)*1450(D)*1810(H)
重量 (kg) Weight	700	700 / 850
工作行程 (mm) Working Stroke	350*475	350*475
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	Windows	Windows
视觉系统 Vision System	智能定位、飞拍、AVI检测 Intelligent Positioning, Fly Capture, AVI Inspection	智能定位、飞拍、AVI检测 Intelligent Positioning, Fly Capture, AVI Inspection
驱动方式 Drive Method	伺服电机+滚珠丝杆 Servo Motor + Ball Screw	XY轴直线电机 XY-Axis Linear Motor
最高速度 (mm/s) Max Speed	XY: 1000 Z: 300	XY: 1500 Z: 300
最大加速度 (g) Max Acceleration	XY: 1.0 Z: 0.3	XY: 1.5 Z: 0.3
重复精度 (mm) (X, Y) Repeatability	±0.005	±0.005
定位精度 (mm) (X, Y) Positioning Accuracy	±0.01	±0.01
最大负载 (kg) Max Load	3.5	3.5
输送带距地面高度 (mm) Conveyor Height from Floor	900±30	900±30
输入电源 Input Power Supply	AC220V±10% 50Hz /60Hz	AC220V±10% 50Hz /60Hz
气源压力 (MPa) Air Source Pressure	≥0.6	≥0.6
光源 Light Source	可控三色光源 Controllable RGB Light Source	可控三色光源 Controllable RGB Light Source

应用领域
Applications

在汽车电子、3C电子、生物医疗、安防监控、航天军工、半导体、Mini LED等行业应用广泛。
Widely used in automotive electronics, consumer electronics (3C), biomedical, security monitoring, aerospace and military, semiconductors, Mini LED, and other industries.

适合流体
Suitable fluids

红胶、锡膏、银浆、UV胶、单组分环氧树脂、电子硅胶、油胶、油墨、润滑剂、水晶胶、导热胶、黑胶等。
SMT Red Adhesive, Solder Paste, Silver Paste, UV Adhesive, Single-Component Epoxy Resin, Electronic Silicone, Oil-Based Adhesive, Ink, Lubricant, Crystal Adhesive, Thermally Conductive Adhesive, Black Adhesive, etc.

产品特色
Product Characteristics

高精度智能检测与灵活高效集成：CCD视觉定位与自动抽检实时监控质量，搭配大理石平台、龙门结构及进口驱动部件，重复精度达0.01mm，稳定可靠；兼容多种阀体与自动上下板/双轨传输，无缝集成产线，提升效率。
High-Precision & Flexible Integration: CCD vision + auto-inspection for real-time quality control; granite base & gantry with imported drives ensure 0.01mm repeatability. Compatible with multiple valves and auto board loading/dual-track conveyor for seamless line integration and higher efficiency.

	MEST-C5B	MEST-C5L
整体尺寸 (mm) Overall Dimensions	870(W)*1450(D)*1550(H)	1440(W)*1460(D)*1580(H)
重量 (kg) Weight	790	1160
工作行程 (mm) Working Stroke	430*465	850*550
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件
操作界面 Operation Interface	Windows	Windows
视觉系统 Vision System	智能定位、飞拍、AVI检测 Intelligent Positioning, Fly Capture, AVI Inspection	智能定位、飞拍、AVI检测 Intelligent Positioning, Fly Capture, AVI Inspection
驱动方式 Drive Method	伺服电机+滚珠丝杆 Servo Motor + Ball Screw	伺服电机+滚珠丝杆 Servo Motor + Ball Screw
最高速度 (mm/s) Max Speed	XY: 1000 Z: 300	XY: 1000 Z: 300
最大加速度 (g) Max Acceleration	XY: 1.5 Z: 0.3	XY: 1.5 Z: 0.3
重复精度 (mm) (X, Y) Repeatability	±0.005	±0.01
定位精度 (mm) (X, Y) Positioning Accuracy	±0.01	±0.02
最大负载 (kg) Max Load	3.5	3.5
输送带距地面高度 (mm) Conveyor Height from Floor	900±30	900±30
输入电源 Input Power Supply	AC220V±10% 50Hz /60Hz	AC220V±10% 50Hz /60Hz
气源压力 (MPa) Air Source Pressure	≥0.6	≥0.6
光源 Light Source	可控三色光源 Controllable RGB Light Source	可控三色光源 Controllable RGB Light Source

全景视觉点胶机

PANORAMIC DISPENSING MACHINE

MEST-V系列

经典点胶系列

CLASSIC DISPENSING SERIES

迈伺特自主研发生产的全景视觉点胶机MEST-V系列作为大平台视觉点胶机具有显著的点胶优势和高性价比。

MEST-V Series Panoramic Dispensing Machine combines a large platform with visual precision for superior performance and excellent value.



	MEST-V3 V3P	MEST-V4 V4P
整体尺寸 (mm) Overall Dimensions	1574(W)*1475(D)*1900(H)	1725(W)*1675(D)*1985(H)
重量 (kg) Weight	700	800
工位数 Number of Stations	双工位 Dual Station	双工位 Dual Station
工作区域 (mm) Working Area	300*400 (每工位) 300*400 (per station)	400*500 (每工位) 400*500 (per station)
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	Windows	Windows
点胶头数量 Number of Dispensing Heads	1-4头可选 1-4 Heads (optional)	1-4头可选 1-4 Heads (optional)
工业相机 Industrial Camera	1200万 / 2000万像素可选 12 MP / 20 MP Camera (optional)	1200万 / 2000万像素可选 12 MP / 20 MP Camera (optional)
驱动方式 Drive Method	伺服电机+研磨丝杆 Servo Motor + Ground Ball Screw	伺服电机+研磨丝杆 Servo Motor + Ground Ball Screw
点胶效率 (K/H) (打点) Dispensing Efficiency (K/H) (dots)	20	20
最高速度 (X, Y) (mm/s) Max Speed	700	700
重复精度 (mm) Repeatability	±0.02	±0.02
定位精度 (mm) Positioning Accuracy	±0.05	±0.05
最大负载 (KG) Max Load	5 (Z轴) 5 (Z-axis)	5 (Z轴) 5 (Z-axis)
气源压力 (MPa) Air Source Pressure	≥ 0.6	≥ 0.6
光源 Light Source	节能环保无影灯 Energy-Saving Ring Light	节能环保无影灯 Energy-Saving Ring Light

应用领域 Applications

在汽车电子、3C电子、生物医疗、安防监控、航天军工、半导体、Mini LED等行业应用广泛。
Widely used in automotive electronics, 3C electronics, biomedical, security monitoring, aerospace and military, semiconductors, Mini LED, etc.

适合流体 Suitable fluids

红胶、锡膏、银浆、UV胶、单组分环氧树脂、电子硅胶、油胶、油墨、润滑剂、水晶胶、导热胶、黑胶等。
SMT Red Adhesive, Solder Paste, Silver Paste, UV Adhesive, Single-Component Epoxy Resin, Electronic Silicone, Oil-Based Adhesive, Ink, Lubricant, Crystal Adhesive, Thermally Conductive Adhesive, Black Adhesive, etc.

产品特点 Product Characteristics

高精度、高产能、灵活稳定：高清工业相机+可选双视觉系统，实现精准定位校正；多头自动切换，高效产出；模块化设计，部件快速更换；整体大理石底座，运行平稳低噪，屏蔽电缆保持持久稳定。
High Precision, High Throughput, Flexible & Stable: HD cameras + optional dual vision ensure accurate alignment; multi-head auto-switching boosts output; modular design for quick part replacement; granite base for smooth, low-noise operation, with shielded cables for lasting reliability.

	MEST-V3PS	MEST-V4PS
整体尺寸 (mm) Overall Dimensions	945(W)*1329(D)*1650(H)	1225(W)*1675(D)*1985(H)
重量 (kg) Weight	450	700
工位数 Number of Stations	单工位 Single Station	单工位 Single Station
工作区域 (mm) Working Area	300*400 300*400	400*500 400*500
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	Windows	Windows
点胶头数量 Number of Dispensing Heads	1-2头可选 1-2 Heads (optional)	1-4头可选 1-4 Heads (optional)
工业相机 Industrial Camera	1200万像素 12 MP Camera	1200万/ 2000万像素可选 12 MP / 20 MP Camera (optional)
驱动方式 Drive Method	伺服电机+研磨丝杆 Servo Motor + Ground Ball Screw	伺服电机+研磨丝杆 Servo Motor + Ground Ball Screw
点胶效率 (K/H) (打点) Dispensing Efficiency (K/H) (dots)	20	20
最高速度 (X, Y) (mm/s) Max Speed	700	700
重复精度 (mm) Repeatability	±0.02	±0.02
定位精度 (mm) Positioning Accuracy	±0.05	±0.05
最大负载 (KG) Max Load	5 (Z轴) 5 (Z-axis)	5 (Z轴) 5 (Z-axis)
气源压力 (MPa) Air Source Pressure	≥ 0.6	≥ 0.6
光源 Light Source	节能环保无影灯 Energy-Saving Ring Light	节能环保无影灯 Energy-Saving Ring Light

经典点胶系列

CLASSIC DISPENSING SERIES



视觉桌面点胶机

MEST-TSV

VISUAL DESKTOP DISPENSING MACHINE

迈伺特自主研发生产的视觉桌面点胶机MEST-TSV系列采用底图示教，包含三轴联动、四轴联动、双平台等，具有良好的人机交互体验，编程方便易学；程序容量大，可储存100个程序，400000点记忆容量；可以选择多种点胶头，实现多点同时操作，大幅提高工作效率。

MEST-TSV Series Visual Desktop Dispensing Machine features teach-in programming with 3/4-axis linkage and dual-platform options. The intuitive interface enables easy learning and operation, with large memory capacity (100 programs, 400,000 points). Multiple dispensing heads can work simultaneously for significantly improved efficiency.

应用领域 Applications

在电子行业、安防监控、医疗试剂、仪器仪表等行业应用广泛。

Widely used in electronics, security monitoring, medical reagents, instrumentation, and other industries.

适合流体 Suitable fluids

UV胶、AB胶、EPOXY（黑胶）、白胶、EMI导电胶、硅胶、环氧树脂、瞬间胶、银胶、红胶、锡膏、散热胶、防焊膏等。

UV Adhesive, AB Adhesive, Black Epoxy, White Adhesive, EMI Conductive Adhesive, Silicone, Epoxy Resin, Cyanoacrylate (Instant Adhesive), Silver Adhesive, SMT Red Adhesive, Solder Paste, Thermal Adhesive, Solder Mask, etc.

产品特点 Product Characteristics

- 编程灵活，快速换产：按需选择手持示教器/电脑操作，编程方便易学；快速实现多产品点胶轨迹切换
Flexible Programming & Quick Changeover: Choose teach pendant or PC for easy programming; quickly switch between dispensing patterns for multiple products.
- 高效精准，工艺可控：可选单/双工位点胶，提升效率；可设定胶量、涂胶速度及点胶/停胶时间
Efficient & Precision Control: Single/dual-station dispensing for higher efficiency; adjustable volume, speed, and dispensing/dwell time for process control.

	MEST-T3SV-331	MEST-T3SV-551	MEST-T4SV-5331
整体尺寸 (mm) Overall Dimensions	910(W)*710(D)*757(H)	1110(W)*856(D)*757(H)	1140(W)*696(D)*754(H)
重量 (kg) Weight	62	77	68
工位数 Number of Stations	单工位 Single Station	单工位 Single Station	双工位 Dual Station
工作行程 (mm) Working Stroke	300*300*100	500*500*100	500*300*300*100
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	Windows	Windows	Windows
工业相机 Industrial Camera	30-500万像素可选 3-5 MP Camera (optional)	30-500万像素可选 3-5 MP Camera (optional)	30-500万像素可选 3-5 MP Camera (optional)
驱动方式 Drive Method	伺服电机+滚珠丝杆 Servo Motor + Ball Screw	伺服电机+滚珠丝杆 Servo Motor + Ball Screw	伺服电机+滚珠丝杆 Servo Motor + Ball Screw
最高速度 (mm/s) Max Speed	XY:500 Z: 200	XY:500 Z: 200	XY:500 Z: 200
最大加速度 Max Acceleration	XY:0.5 Z: 0.3	XY:0.5 Z: 0.3	XY:0.5 Z: 0.3
重复精度 (mm) Repeatability	±0.01	±0.01	±0.01
定位精度 (mm) Positioning Accuracy	±0.03	±0.03	±0.03
最大负载 (kg) Max Load	7	7	7
气源压力 (MPa) Air Source Pressure	0.6	0.6	0.6
光源 Light Source	可控三色光源 Controllable RGB Light Source	可控三色光源 Controllable RGB Light Source	可控三色光源 Controllable RGB Light Source

桌面点胶机

DESKTOP DISPENSING MACHINE

MEST-TS系列

经典点胶系列

CLASSIC DISPENSING SERIES

迈伺特自主研发生产的桌面点胶机MEST-TS系列采用手持器示教编程，包含三轴联动/四轴联动/双平台等，交互人性化、编程方便易学；大容量存储（100个程序/400000点记忆容量）；多头并行工作，高效产出。

MEST-TS Series Desktop Dispensing Machine: Handheld teach programming with 3/4-axis linkage & dual-platform options for user-friendly operation; large memory (100 programs/400,000 points); supports multi-head simultaneous dispensing for high efficiency.



MEST-T3S-331

MEST-T3S-551

	MEST-T3S-331	MEST-T3S-551
整体尺寸 (mm) Overall Dimensions	521(W)*710(D)*757(H)	721(W)*856(D)*737(H)
重量 (kg) Weight	57	72
工位数 Number of Stations	单工位 Single Station	单工位 Single Station
工作行程 (mm) Working Stroke	300*300*100	500*500*100
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	专业点胶软件 Specialized Dispensing Software	专业点胶软件 Specialized Dispensing Software
工业相机 Industrial Camera	无 None	无 None
驱动方式 Drive Method	伺服马达+滚珠丝杆 Servo Motor + Ball Screw	伺服马达+滚珠丝杆 Servo Motor + Ball Screw
最高速度 (mm/s) Max Speed	XY:500	XY:500
重复精度 (mm) Repeatability	±0.01	±0.01
定位精度 (mm) Positioning Accuracy	±0.03	±0.03
最大负载 (kg) Max Load	7	7
环境温度 (°C) Ambient Temperature	-5-45	-5-45
气源压力 (MPa) Air Source Pressure	0.6	0.6
光源 Light Source	无 None	无 None

应用领域
Applications

在电子行业、安防监控、医疗试剂、仪器仪表等行业应用广泛。
Widely used in electronics, security monitoring, medical reagents, instrumentation, and other industries.

适合流体
Suitable fluids

UV胶、AB胶、EPOXY（黑胶）、白胶、EMI导电胶、硅胶、环氧树脂、瞬间胶、银胶、红胶、锡膏、散热胶、防焊膏等。
SMT Red Adhesive, Solder Paste, Silver Paste, UV Adhesive, Single-Component Epoxy Resin, Electronic Silicone, Oil-Based Adhesive, Ink, Lubricant, Crystal Adhesive, Thermally Conductive Adhesive, Black Adhesive, etc.

产品特点
Product Characteristics

- 编程灵活，快速换产：按需选择手持示教器/电脑操作，编程方便易学；快速实现多产品点胶轨迹切换
Flexible Programming & Quick Changeover: Choose teach pendant or PC for easy programming; quickly switch between dispensing patterns for multiple products.
- 高效精准，工艺可控：可选单/双工位点胶，提升效率；可设定胶量、涂胶速度及点胶/停胶时间
Efficient & Precision Control: Single/dual-station dispensing for higher efficiency; adjustable volume, speed, and dispensing/dwell time for process control.

	MEST-T4S-5331	MEST-T4S-R1 (针筒旋转) MEST-T4S-R2 (针头旋转)
整体尺寸 (mm) Overall Dimensions	740(W)*696(D)*757(H)	521(W)*710(D)*757(H) 721(W)*856(D)*737(H)
重量 (kg) Weight	63	60/76
工位数 Number of Stations	双工位 Dual Station	单工位 Single Station
工作行程 (mm) Working Stroke	500*300*300*100	300*300*100*360 500*500*100*360
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	专业点胶软件 Specialized Dispensing Software	专业点胶软件 Specialized Dispensing Software
工业相机 Industrial Camera	无 None	无 None
驱动方式 Drive Method	伺服马达+滚珠丝杆 Servo Motor + Ball Screw	伺服马达+滚珠丝杆 Servo Motor + Ball Screw
最高速度 (mm/s) Max Speed	XY:500	XY:500
重复精度 (mm) Repeatability	±0.01	±0.01
定位精度 (mm) Positioning Accuracy	±0.03	±0.03
最大负载 (kg) Max Load	7	7
环境温度 (°C) Ambient Temperature	-5-45	-5-45
气源压力 (MPa) Air Source Pressure	0.6	0.6
光源 Light Source	无 None	无 None

桌面点胶机

DESKTOP DISPENSING MACHINE

MEST-TP系列

经典点胶系列

CLASSIC DISPENSING SERIES

迈伺特自主研发生产的桌面点胶机MEST-TP系列采用手持器示教编程，包含三轴联动/四轴联动/双平台等，交互人性化、编程方便易学；大容量存储（100个程序/400000点记忆容量）；多头并行工作，高效产出。

MEST-TP Series Desktop Dispensing Machine: Handheld teach programming with 3/4-axis linkage & dual-platform options for user-friendly operation; large memory (100 programs/400,000 points); supports multi-head simultaneous dispensing for high efficiency.



	MEST-T3P-331	MEST-T3P-551
整体尺寸 (mm) Overall Dimensions	481(W)*553(D)*715(H)	681(W)*755(D)*715(H)
重量 (kg) Weight	53	68
工位数 Number of Stations	单工位 Single Station	单工位 Single Station
工作行程 (mm) Working Stroke	300*300*100	500*500*100
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	专业点胶软件 Specialized Dispensing Software	专业点胶软件 Specialized Dispensing Software
工业相机 Industrial Camera	无 None	无 None
驱动方式 Drive Method	闭环步进电机+同步带 Closed-Loop Stepper Motor + Timing Belt	闭环步进电机+同步带 Closed-Loop Stepper Motor + Timing Belt
最高速度 (mm/s) Max Speed	XY:500	XY:500
重复精度 (mm) Repeatability	±0.02	±0.02
定位精度 (mm) Positioning Accuracy	±0.05	±0.05
最大负载 (kg) Max Load	7	7
环境温度 (°C) Ambient Temperature	-5-45	-5-45
气源压力 (MPa) Air Source Pressure	0.6	0.6
光源 Light Source	无 None	无 None

应用领域 Applications

在电子行业、安防监控、医疗试剂、仪器仪表等行业应用广泛。

Widely used in electronics, security monitoring, medical reagents, instrumentation, and other industries.

适合流体 Suitable fluids

UV胶、AB胶、EPOXY（黑胶）、白胶、EMI导电胶、硅胶、环氧树脂、瞬间胶、银胶、红胶、锡膏、散热胶、防焊膏等。

SMT Red Adhesive, Solder Paste, Silver Paste, UV Adhesive, Single-Component Epoxy Resin, Electronic Silicone, Oil-Based Adhesive, Ink, Lubricant, Crystal Adhesive, Thermally Conductive Adhesive, Black Adhesive, etc.

产品特点 Product Characteristics

- 编程灵活，快速换产：按需选择手持示教器/电脑操作，编程方便易学；快速实现多产品点胶轨迹切换
Flexible Programming & Quick Changeover: Choose teach pendant or PC for easy programming; quickly switch between dispensing patterns for multiple products.
- 高效精准，工艺可控：可选单/双工位点胶，提升效率；可设定胶量、涂胶速度及点胶/停胶时间
Efficient & Precision Control: Single/dual-station dispensing for higher efficiency; adjustable volume, speed, and dispensing/dwell time for process control.

	MEST-T4P-5331	MEST-T4P-R1 (针筒旋转) MEST-T4P-R2 (针头旋转)
整体尺寸 (mm) Overall Dimensions	681(W)*545(D)*715(H)	481(W)*553(D)*715(H) 681(W)*755(D)*715(H)
重量 (kg) Weight	59	56/72
工位数 Number of Stations	双工位 Dual Station	单工位 Single Station
工作行程 (mm) Working Stroke	500*300*300*100	300*300*100*360 500*500*100*360
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	专业点胶软件 Specialized Dispensing Software	专业点胶软件 Specialized Dispensing Software
工业相机 Industrial Camera	无 None	无 None
驱动方式 Drive Method	闭环步进电机+同步带 Closed-Loop Stepper Motor + Timing Belt	闭环步进电机+同步带 Closed-Loop Stepper Motor + Timing Belt
最高速度 (mm/s) Max Speed	XY:500	XY:500
重复精度 (mm) Repeatability	±0.02	±0.02
定位精度 (mm) Positioning Accuracy	±0.05	±0.05
最大负载 (kg) Max Load	7	7
环境温度 (°C) Ambient Temperature	-5-45	-5-45
气源压力 (MPa) Air Source Pressure	0.6	0.6
光源 Light Source	无 None	无 None

齿轮注胶阀

GEAR METERING PUMP

MEST-GP30

迈伺特自主研发生产的齿轮注胶阀MEST-GP30 作为一种连续灌封的体积式注胶头，适用于处理从低粘度到高粘度、非研磨性的单、双组份灌封材料。

The MEST-GP30 Gear Metering Pump, independently developed and manufactured by MEST, is a continuous-volume dispensing head designed for processing non-abrasive single- and two-component potting materials across a wide viscosity range (low to high).



工艺可靠
Process Reliability



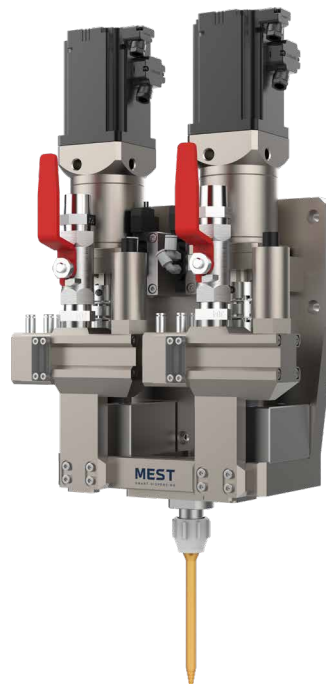
模块化
Modular Design



高精度
High Precision



灵活性
Flexibility



MEST-GP30

双组份尺寸 (mm)
Dimensions (Two-Component Model) 210(W)*130(D)*450(H)

单组份尺寸 (mm)
Dimensions (Single-Component Model) 120(W)*130(D)*450(H)

重量 (kg)
Weight ≈10 | 5

计量方式
Metering Method 齿轮定量
Gear Metering

体积混合比
Volumetric Mixing Ratio 1:1-100:10

出胶精度
Dispensing Accuracy ±2%-3%

最小出胶量 (ml)
Minimum Dispensing Volume 0.1

出胶方式
Pump Type 齿轮连续出料
Continuous Gear Dispensing

适用粘度范围 (cps)
Applicable Viscosity Range 100-300000

功率 (w)
Power 800 | 400

输入电源
Input Power Supply AC220V±10% 50Hz

气源压力 (MPa)
Air Source Pressure ≥0.5

适用环境温度 (°C)
Applicable Ambient Temperature 0-50

活塞注胶阀

PISTON METERING PUMP

MEST-P20



活塞注胶阀MEST-P20作为一种体积式注胶头，适用于处理从低粘度到高粘度、研磨性与非研磨性的单、双组份灌封材料，特殊设计的内部型腔保证出胶精度可以达到±2%。

MEST-P20 Piston Metering Pump is a positive displacement dispensing head for single and dual-component potting materials (abrasive/non-abrasive, low to high viscosity). Special internal design ensures ±2% dispensing accuracy.



工艺可靠
Process Reliability



模块化
Modular Design



高精度
High Precision



灵活性
Flexibility

整体尺寸 (mm) Overall Dimensions	250(W)*170(D)*360(H)
重量 (kg) Weight	≈15
计量方式 Metering Method	定量缸 Metering Cylinder
体积混合比 Volumetric Mixing Ratio	1:1-100:7
出胶精度 Dispensing Accuracy	±2%
最小出胶量 (ml) Minimum Dispensing Volume	0.01
出胶方式 Pump Type	间歇性出胶 Intermittent Dispensing
适用粘度范围 (cps) Applicable Viscosity Range	100-2000000
功率 (W) Power	400
输入电源 Input Power Supply	AC220V±10% 50Hz
气源压力 (MPa) Air Source Pressure	≥0.55
适用环境温度 (°C) Applicable Ambient Temperature	0-50

活塞注胶阀

控制器

PISTON METERING PUMP CONTROLLER

MEST-P20C



MEST-P20C是一款活塞注胶阀控制器，配合MEST-P20活塞注胶阀进行点胶作业。

MEST-P20C Controller for piston metering pump, specifically designed to operate with the MEST-P20 for precise dispensing.

外形尺寸 (mm) External Dimensions	436(W)*365(D)*310(H)
输入电源 Input Power Supply	AC220V±10% 50Hz
控制信号类型 Control Signal Type	短接信号脉宽大于5毫秒 Short-circuit signal pulse width > 5 ms
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	自主设计界面 Self-Designed Interface
适用阀类型 Applicable Valve Type	活塞注胶阀 (P20) Piston Metering Pump (P20)



顶针式出胶阀

MEST-VP50

NEEDLE-TYPE DISPENSING VALVE

迈伺特自主研发生产的顶针式出胶阀MEST-VP50与定量机联动，以达到理想的出胶量于混合比例精度，采用顶针式的结构，密封压力大，保证不滴胶。

MEST-VP50 Needle-Type Dispensing Valve, paired with the metering pump, ensures precise dispensing volume and mixing ratio. Its needle design provides high sealing pressure to prevent dripping.



大流量
High Flow



工艺可靠
Process Reliability



模块化
Modular Design



高精度
High Precision



灵活性
Flexibility

MEST-VP50

混合流量 (ml/s) Mixing Flow Rate	5-25
工作压力 (bar) Operating Pressure	0-100
驱动方式 Drive Method	双气缸独立控制 Independent Dual-Cylinder Control
工作模式 Operating Mode	顶针式 Needle-Type
重量 (kg) Weight	10
混合管 Mixing Tube	通用标准混合管 Standard Mixing Tube
混合管定位 Mixing Tube Positioning	选配 Optional

压电喷射阀

PIEZO JETTING VALVE

MEST-F910



MEST-F910是一款非接触式的压电喷射阀，集高精度、高效率、高一致性，高灵活性于一体。








MEST-F910 is a non-contact piezo jetting valve that integrates high precision, high efficiency, high consistency, and high flexibility.

适合流体>>> SMT、FPC&PCB组装、LED封装、能源、生物技术、医疗、光学、MEMS、RFID等。

Suitable Fluids: SMT, FPC & PCB Assembly, LED Packaging, Energy, Biotechnology, Medical, Optics, MEMS, RFID, etc.

产品特点 >>>

Product Characteristics

-  稳定工作频率500Hz，瞬时最高频率可达1000Hz
Stable 500Hz operation (peak 1000Hz)
-  微量点胶，精准胶量控制。可实现最小0.15mm线宽，非接触喷射点胶
Precise micro-dispensing with 0.15mm line width (non-contact)
-  高速隔空喷射，可实现光滑/不平整/柔性基材表面高速点胶
High-speed jetting on smooth/uneven/flexible substrates
-  喷射压力大，高中低粘度胶水喷射的最佳选择
High dispensing pressure, ideal for low to high viscosity fluids
-  粘度范围0~200000cps
Viscosity range: 0-200,000 cps
-  加热温度可达150°C
Heating up to 150°C
-  模块化设计，流道结构快拆，维护保养便捷
Modular design with quick-change fluid path for easy maintenance

外形尺寸 (mm) External Dimensions	82.5(W)*20(D)*110.5(H)
重量 (kg) Weight	0.5
适合胶水粘度 (CPS) Applicable Fluid Viscosity	0-200000
撞针喷嘴材质 Needle/Nozzle Material	钨钢/陶瓷 Tungsten Steel / Ceramic
流道组件材质 Flow Channel Component Material	SUS304 / PEEK
进料接口 Inlet Connection Type	鲁尔接头 Luer Lock
进料口压力 (Mpa) Inlet Pressure	≤0.5
点胶一致性精度 Dispensing Consistency Accuracy	±3.5%
最小点径 (mm) Minimum Dot Diameter	0.15
最小线径 (mm) Minimum Line Width	0.2
打点频率 (Hz) Dispensing Frequency	500 (瞬时1000Hz) 500 (peak 1000Hz)
最小喷胶量 (nl) Minimum Dispensing Volume	5
加热组件温度 (°C) Heating Module Temperature	可达150 Up to 150

压电喷射阀 控制器

PIEZO JETTING VALVE CONTROLLER

MEST-F910C



MEST-F910C控制器需要搭载压电阀配套使用，输出频率可达1000Hz，具备双路加热功能和胶筒气压调节。

The MEST-F910C controller is designed for use with piezo jetting valves, delivering an output frequency of up to 1000 Hz. It features dual-channel heating and pneumatic pressure regulation for the material cartridge.

外形尺寸 (mm) External Dimensions	266(W)*280(D)*110(H)
输入电源 Input Power Supply	AC220V
控制信号类型 Control Signal Type	24V电平信号，脉宽大于5ms 24V level signal, pulse width > 5ms
控制模式 Control Mode	打点/画线/清洗 Dot / Line / Purge
输出电压 (V) Output Voltage	110
最大点胶频率 (Hz) Max Dispensing Frequency	1000
流道加热温度 (°C) Flow Channel Heating Temperature	≤150
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	自主设计界面 Self-Designed Interface
适用阀类型 Applicable Valve Type	压电阀 (F910) Piezo Jetting Valve (F910)

高粘度螺杆阀

HIGH-VISCOSITY SCREW VALVE

MEST-F1000



MEST-F1000是一款接触式的精密螺杆阀，采用螺杆旋转将流体输送的原理，实现精确、稳定点胶。







MEST-F1000 is a contact-type precision auger valve that uses screw rotation for accurate and stable dispensing.

适合流体>>> 环氧树脂、聚氨酯、锡膏、研磨膏、UV胶、硅胶、银浆、红胶、润滑脂等。

Suitable Fluids: Epoxy Resin, Polyurethane, Solder Paste, Grinding Paste, UV Adhesive, Silicone, Silver Paste, SMT Red Adhesive, Lubricating Grease, etc.

产品特点 >>>

Product Characteristics

-  适合中高粘度的胶水点胶，可适配有颗粒胶水
Suitable for medium to high viscosity adhesives, including those with fillers.
-  控制精确，点胶重复精度高
High precision and repeatability.
-  可在0.2mm狭小缝隙中作业
Operates in gaps as small as 0.2 mm.
-  最小出胶量0.2ul
Min. dispensing volume: 0.2 μ L.
-  螺杆正向反向控制可调，螺杆反向回吸，断胶更彻底
Adjustable forward/reverse screw control with suck-back for clean cut-off.
-  模块化设计，流道结构快拆，快拆维护保养便捷
Modular design with quick-change fluid path for easy maintenance.

规格 Specifications	MEST-F1000-2.0	MEST-F1000-4.8
重量 (kg) Weight	0.6	0.6
外形尺寸 (mm) (含55CC胶桶) Dimensions (including 55CC cartridge)	34(W)*81(D) *208(H)	34(W)*81(D) *208(H)
适合胶水粘度 (CPS) Applicable Fluid Viscosity	5000-100000	5000-100000
转子材质 Rotor Material	钨钢/陶瓷 Tungsten Steel / Ceramic	钨钢/陶瓷 Tungsten Steel / Ceramic
定子材质 Stator Material	SUS304 /陶瓷 SUS304 / Ceramic	SUS304 /陶瓷 SUS304 / Ceramic
进料接口 Inlet Connection Type	鲁尔接头 Luer Lock	鲁尔接头 Luer Lock
进料口压力 (MPa) Inlet Pressure	0~0.6	0~0.6
点胶一致性精度 Dispensing Consistency Accuracy	$\pm 2\%$	$\pm 2\%$
最小点胶线径 (mm) Min. Dispensing Line Width	0.2	0.2
驱动方式 Drive Method	直流伺服电机 DC Servo Motor	直流伺服电机 DC Servo Motor
转子规格 Rotor Specification	2.0	4.8
最大转速 (r/min) Max. Rotational Speed	420	420
出胶头形式 Dispensing Tip Type	针头/喷嘴 Needle/Nozzle	针头/喷嘴 Needle/Nozzle
主体材质 Housing Material	铝合金 Aluminum Alloy	铝合金 Aluminum Alloy

高粘度喷射阀 控制器

HIGH-VISCOSITY SCREW VALVE CONTROLLER

MEST-F1000C



MEST-F1000C是一款螺杆阀控制器，配合MEST-F1000螺杆阀进行点胶作业。

MEST-F1000C is a screw valve controller designed to operate with the MEST-F1000 screw valve for dispensing applications.

型号 Model	MEST-F1000C
外形尺寸 (mm) External Dimensions	200(W)*220(D)*120(H)
输入电源 Input Power Supply	AC220V
输入气压 (Mpa) Input Air Pressure	0.6-0.8
信号控制类型 Signal Control Type	无源信号 Passive Signal
气压精度 (MPa) Pressure Control Accuracy	0.001
气路输出 Air Output	1路 (胶压) 1 Channel (Dispensing Pressure)
控制系统 Control System	迈侗特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	自主设计界面 Self-Designed Interface
适用阀类型 Applicable Valve Type	螺杆阀 (F1000) Auger Valve (F1000)

单液螺杆阀

1C SCREW VALVE

MEST-F2000



MEST-F2000是一款接触式的单液螺杆阀，采用伺服电机驱动偏心螺杆送料，实现胶液连续稳定的输出。

MEST-F2000 is a contact-type single-component auger valve driven by a servo motor with an eccentric screw feeding mechanism, ensuring continuous and stable fluid output.

应用领域>>> 在汽车、3C、电子电器、航天航空、生物技术、医疗、食品等行业应用广泛。




Widely used in automotive, 3C, electronics and electrical appliances, aerospace, biotechnology, medical, food, and other industries.

适用流体>>> 环氧树脂、聚氨酯、硅胶系、导电胶、油墨、油脂等。

Suitable Fluids: Epoxy Resin, Polyurethane, Silicone-Based Materials, Conductive Adhesive, Ink, Grease, etc.

产品特点 >>>

Product Characteristics

-  适合低中高粘度的胶水点胶
Suitable for low to high viscosity adhesives
-  控制精确，点胶重复精度高±2%
High precision with ±2% repeatability
-  可调回吸防止后滴，轻松断胶，避免拉丝
Adjustable suck-back prevents post-dispensing drip for clean cut-off and no stringing

规格 Model	MEST- F2000-0.02	MEST- F2000-0.05	MEST- F2000-0.14
外形尺寸 (mm) Overall Dimensions	32(W)*75(D)*295(H)	32(W)*75(D)*295(H)	32(W)*75(D)*295(H)
重量 (kg) Weight	0.6	0.6	0.6
适合胶水粘度(CPS) Applicable Fluid Viscosity	0-500000	0-500000	0-500000
转子材质 Rotor Material	SUS304 / 氧化锆 SUS304 / Zirconia	SUS304 / 氧化锆 SUS304 / Zirconia	SUS304 / 氧化锆 SUS304 / Zirconia
定子材质 Stator Material	FFKM / FKM / EPDM	FFKM / FKM / EPDM	FFKM / FKM / EPDM
进料口压力 (MPa) Inlet Pressure	0~0.6	0~0.6	0~0.6
点胶一致性精度 Dispensing Consistency Accuracy	±2%	±2%	±2%
最小点胶量(cc) Minimum Dispensing Volume	0.01	0.01	0.03
最大点胶量 (ml/min) Maximum Dispensing Flow Rate	0.4	6	16.8
排量(cc/r) Displacement	0.02	0.05	0.14
主体材质 Housing Material	铝合金 Aluminum Alloy	铝合金 Aluminum Alloy	铝合金 Aluminum Alloy

单液螺杆阀 控制器

1C SCREW VALVE CONTROLLER

MEST-F2000C



MEST-F2000是一款接触式的单液螺杆阀，采用伺服电机驱动偏心螺杆送料，实现胶液连续稳定的输出。

MEST-F2000 is a contact-type single-component auger valve driven by a servo motor with an eccentric screw feeding mechanism, ensuring continuous and stable fluid output.

型号 Model	MEST-F2000C
外形尺寸 (mm) External Dimensions	200(W)*220(D)*120(H)
输入电源 Input Power Supply	AC220V
输入气压 (Mpa) Input Air Pressure	0.1-0.6
信号控制类型 Signal Control Type	无源信号 Passive Signal
气压精度 (MPa) Pressure Control Accuracy	0.001
气路输出 Air Output	1路 (胶压) 1 Channel (Dispensing Pressure)
控制系统 Control System	迈何特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	自主设计界面 Self-Designed Interface
适用阀类型 Applicable Valve Type	螺杆阀 (F2000) Auger Valve (F2000)

规格 Model	MEST- F2000-0.7	MEST- F2000-1.2
外形尺寸 (mm) Overall Dimensions	45(W)*50(D)*370(H)	52(W)*76(D)*435(H)
重量 (kg) Weight	2.5	2.5
适合胶水粘度(CPS) Applicable Fluid Viscosity	0-500000	0-500000
转子材质 Rotor Material	SUS304 / 氧化锆 SUS304 / Zirconia	SUS304 / 氧化锆 SUS304 / Zirconia
定子材质 Stator Material	FFKM / FKM / EPDM	FFKM / FKM / EPDM
进料口压力 (MPa) Inlet Pressure	0~0.6	0~0.6
点胶一致性精度 Dispensing Consistency Accuracy	±2%	±2%
最小点胶量(cc) Minimum Dispensing Volume	0.14	0.24
最大点胶量 (ml/min) Maximum Dispensing Flow Rate	63	108
排量(cc/r) Displacement	0.7	1.2
主体材质 Housing Material	铝合金 Aluminum Alloy	铝合金 Aluminum Alloy

双液螺杆阀

2C SCREW VALVE

MEST-FD2000



MEST-FD2000是一款接触式的双液螺杆阀，可实现各类双组份胶粘剂的流量和混合比例控制，进行高速点胶作业。

MEST-FD2000 is a contact-type two-component auger valve designed to control the flow rate and mixing ratio of various dual-component adhesives, enabling high-speed dispensing.

应用领域>>> 在汽车、电子电器、航天航空、生物技术、医疗、食品等行业应用广泛。





Widely used in automotive, electronic appliances, aerospace, biotechnology, medical, food, and other industries.

适用流体>>> 环氧树脂、聚氨酯、硅胶系、导电胶、油墨、油脂等。

Suitable Fluids: Epoxy Resin, Polyurethane, Silicone-Based Materials, Conductive Adhesive, Ink, Grease, etc.

产品特点 >>>

Product Characteristics

-  适合低中高粘度的AB胶水点胶
Suitable for low to high viscosity two-component adhesives.
-  调节两电机转速即可快速调整双组份点胶比例，操作简单
Dispensing ratio quickly adjustable via independent motor speed control – simple operation.
-  输出控制精确，点胶重复精度高
Precise output control with high repeatability.
-  点胶精度±2%
Dispensing accuracy: ±2%.

规格 Model	MEST- FD2000-0.02	MEST- FD2000-1.2
外形尺寸 (mm) Overall Dimensions	32(W)*75(D)*295(H)	32(W)*75(D)*295(H)
重量 (kg) Weight	1.6	1.6
适合胶水粘度(CPS) Applicable Fluid Viscosity	0-500000	0-500000
转子材质 Rotor Material	SUS304 / 氧化锆 SUS304 / Zirconia	SUS304 / 氧化锆 SUS304 / Zirconia
定子材质 Stator Material	FFKM / FKM / EPDM	FFKM / FKM / EPDM
进料口压力 (MPa) Inlet Pressure	0~0.6	0~0.6
点胶一致性精度 Dispensing Consistency Accuracy	±2%	±2%
最小点胶量(cc) Minimum Dispensing Volume	0.01	0.02
最大点胶量 (ml/min) Maximum Dispensing Flow Rate	0.8	12
排量(cc/r) Displacement	0.02	0.05
混胶比例 Mixing Ratio	1/1 - 10/1	1/1 - 10/1

双液螺杆阀 控制器

2C SCREW VALVE CONTROLLER

MEST-FD2000C



MEST-FD2000C是一款精密螺杆阀控制器，配合MEST-FD2000双液G型螺杆阀进行点胶作业。控制器具有对螺杆阀的打点、打线等控制功能。伺服控制器对螺杆阀伺服电机精准控制。

MEST-FD2000C 2c screw valve Controller pairs with the MEST-FD2000 two-component G-type auger valve for dispensing, enabling dot/line control with precise servo motor regulation.

型号 Model	MEST-FD2000C
外形尺寸 (mm) External Dimensions	200(W)*220(D)*120(H)
输入电源 Input Power Supply	AC220V
输入气压 (MPa) Input Air Pressure	0.1-0.6
信号控制类型 Signal Control Type	无源信号 Passive Signal
气压精度 (MPa) Pressure Control Accuracy	0.001
气路输出 Air Output	1路 (胶压) 1 Channel (Dispensing Pressure)
控制系统 Control System	迈伺特自主开发的控制软件 MEST-Developed Control Software
操作界面 Operation Interface	自主设计界面 Self-Designed Interface
适用阀类型 Applicable Valve Type	螺杆阀 (FD2000) Auger Valve (FD2000)

规格 Model	MEST- FD2000-0.14	MEST- FD2000-0.7
外形尺寸 (mm) Overall Dimensions	32(W)*75(D)*295(H)	50(W)*150(D)*480(H)
重量 (kg) Weight	1.6	5.2
适合胶水粘度(CPS) Applicable Fluid Viscosity	0-500000	0-500000
转子材质 Rotor Material	SUS304 / 氧化锆 SUS304 / Zirconia	SUS304 / 氧化锆 SUS304 / Zirconia
定子材质 Stator Material	FFKM / FKM / EPDM	FFKM / FKM / EPDM
进料口压力 (MPa) Inlet Pressure	0~0.6	0~0.6
点胶一致性精度 Dispensing Consistency Accuracy	±2%	±2%
最小点胶量(cc) Minimum Dispensing Volume	0.06	0.3
最大点胶量 (ml/min) Maximum Dispensing Flow Rate	33.6	168
排量(cc/r) Displacement	0.14	0.7
混胶比例 Mixing Ratio	1/1 - 10/1	1/1 - 10/1

高速喷射阀

JETTING VALVE

MEST-F800



MEST-F800是一款非接触式的高速喷射阀，可实现多种流体的微量可控点胶。

MEST-F800 is a non-contact, high-speed jetting valve designed for controlled micro-dispensing of a wide range of fluids.

适用流体>>> 环氧树脂、聚氨酯、硅胶系、导电胶、油墨、油脂等。

Suitable Fluids: Epoxy Resin, UV Adhesive, Silicone, Conductive Adhesive, Ink, Grease, etc.

产品特点 >>>

Product Characteristics

- 高速隔空喷射，高速点胶（工作频率200HZ）
High-speed non-contact jetting (operating frequency: 200Hz)
- 微量点胶（最小0.2mm点径）
Micro-dispensing (min. 0.2mm dot diameter)
- 独特的调节机构，可以适用不同粘度的流体
Unique adjustment mechanism adapts to various fluid viscosities

外形尺寸 (mm) External Dimensions	56(W)*96(D)*156(H)
重量 (kg) Weight	0.9
适合胶水粘度 (CPS) Applicable Fluid Viscosity	0-20000
撞针喷嘴材质 Needle/Nozzle Material	钨钢 Tungsten Steel
流道组件材质 Flow Channel Component Material	SUS304
进料接口 Inlet Connection Type	鲁尔接头 Luer Lock
进料口压力 (MPa) Inlet Pressure	0.1-0.3
点胶一致性精度 Dispensing Consistency Accuracy	±5%
撞针规格 (SR/mm) Needle Specification	2.0 / 3.0 / 4.0 / 5.0
喷嘴规格 (mm) Nozzle Specification	0.1 / 0.15 / 0.2 / 0.25 / 0.3 / 0.4 / 0.5 / 0.6
最小点径 (mm) Minimum Dot Diameter	0.15
最小线径 (mm) Minimum Line Width	0.2
打点频率 (Hz) Dispensing Frequency	≤200
最小喷胶量 (nl) Minimum Dispensing Volume	10
流道加热组件 (°C) Flow Channel Heating Temperature	60
主阀体 Main Valve Body	不锈钢 Stainless Steel
开阀气压 (MPa) Valve Opening Pressure	0.7-0.8
电磁阀 Solenoid Valve	FESTO高频电磁阀 FESTO High-Frequency Solenoid Valve

高速喷射阀 控制器

JETTING VALVE CONTROLLER

MEST-F800C



MEST-F800C高速气动点胶阀控制器由两路气压调节，可以分别控制胶桶的气压和胶阀的进气气压。

MEST-F800C High-Speed Pneumatic Dispensing Valve Controller features two pressure regulation channels for independently controlling the material barrel pressure and the valve air input pressure.

型号 Model	MEST-F800C
外形尺寸 (mm) External Dimensions	280(W)*280(D)*116(H)
输入电源 Input Power Supply	AC220V
控制信号类型 Control Signal Type	无源信号 Passive Signal
输入气压 (MPa) Input Air Pressure	0.7-0.8
气压精度 (MPa) Pressure Control Accuracy	0.001
气路输出 Air Output	2路 (胶压、阀压) 2 Channel (Dispensing & Valve Pressure)
输出功能模块 Output Function Module	温控、光源、阀脉冲 Temperature Control, Light Source, Valve Pulse
最大脉冲频率 (Hz) Max Pulse Frequency	200
适用阀类型 Applicable Valve Type	喷射阀、撞针阀等 (F800、F700) Jetting Valves, Needle Valves, etc. (F800、F700)

高速撞针阀

NEEDLE VALVE

MEST-F700



MEST-F700是一款高性价比的微量、精密撞针阀，通过行程调节和适配不同的针头，可获得极微量、高一一致性的点胶。






MEST-F700 is a cost-effective, precision needle valve designed for micro-dispensing. By adjusting the stroke and selecting appropriate needles, it achieves extremely small and highly consistent deposits.

适用流体>>>环氧树脂、UV胶、硅胶、银浆、导电胶、油墨、润滑脂等。

Suitable Fluids: Epoxy Resin, UV Adhesive, Silicone, Silver Paste, Conductive Adhesive, Ink, Grease, etc.

产品特点 >>>

Product Characteristics

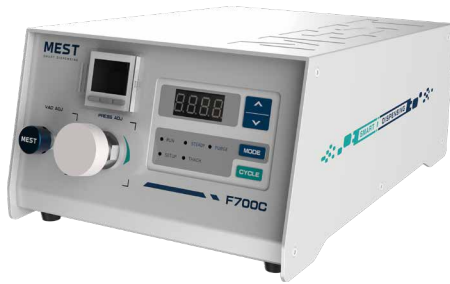
-  可以在狭小的空间点胶
Suitable for dispensing in tight spaces
-  断胶干净无残留
Clean cut-off with no residue
-  流量可调
Adjustable flow rate
-  可非接触式/接触式点胶
Non-contact / contact dispensing
-  高速点胶（工作频率100Hz）
High-speed dispensing (operating frequency: 100Hz)

型号 Model	MEST-F700	MEST-F700S
外形尺寸 (W×D×H) (mm) External Dimensions	Φ27*155	Φ27*155
重量 (kg) Weight	0.2	0.2
适合胶水粘度 (CPS) Applicable Fluid Viscosity	0-20000	0-20000
撞针材质 Needle Material	钨钢 Tungsten Steel	钨钢 Tungsten Steel
流道组件材质 Flow Channel Component Material	SUS304	SUS304
进料接口 Inlet Connection Type	快拧接头Φ6 Quick-Connect Fitting Φ6	快拧接头Φ6 Quick-Connect Fitting Φ6
进料口压力 (MPa) Inlet Pressure	0.1-0.3	0.1-0.3
点胶一致性精度 Dispensing Accuracy	±10%	±10%
撞针规格 (SR/mm) Needle Specification	2.0 / 3.0 / 4.0	2.0 / 3.0 / 4.0
针头规格 Needle Specification	13G-30G	13G-30G
打点频率 (Hz) Dispensing Frequency	电磁阀控制≤100 ≤100 (Solenoid Valve Controlled)	电磁阀控制≤100 ≤100 (Solenoid Valve Controlled)
主阀体 Main Valve Body	AL6061+SUS304	AL6061+SUS304
开阀气压 (MPa) Valve Opening Pressure	0.7-0.8	0.7-0.8
电磁阀 Solenoid Valve	/	FESTO高频电磁阀 FESTO High-Frequency Solenoid Valve

高速点胶 控制器

HIGH-SPEED DISPENSING CONTROLLER

MEST-F700C



MEST-F700C高速点胶控制器可控制胶筒进行点胶，具备真空回吸功能，输入气压0.6-0.8Mpa，气压精度可达0.001Mpa，点胶设时范围1.0-9999ms。

MEST-F700C Controller enables precise dispensing with vacuum suck-back, 0.6-0.8 MPa input, ± 0.001 MPa accuracy, and 1.0-9999 ms time settings.

型号 Model	MEST-F700C
外形尺寸 (mm) External Dimensions	180(W)*115(D)*285 (H)
输入电源 Input Power Supply	AC220V
控制信号类型 Control Signal Type	无源/有源 (24V) 开关信号 Passive/Active (24V) Switching Signal
输入气压 (MPa) Input Air Pressure	0.7-0.8
气压精度 (MPa) Pressure Control Accuracy	0.001
点胶定时范围 (ms) Dispensing Time Range	1.0-9999
输出气压 (MPa) Output Air Pressure	0-0.6
最大点胶频率 (Hz) Max Dispensing Frequency	100
适用阀类型 Applicable Valve Type	撞针阀 Needle Valve

高速回吸阀

SUCK-BACK VALVE

MEST-F600



MEST-F600是一款高性价比的低、中、高粘度小流量回吸点胶阀，具有一定的回吸作用，点胶针头无残留胶水，后端行程可调，控制胶量大小。

MEST-F600 – Cost-effective suck-back valve for low to high viscosity, small-volume fluids. Adjustable rear stroke enables precise volume control; effective suck-back ensures drip-free, residue-free dispensing.

产品特点 >>>

Product Characteristics

- 流量可调
Adjustable flow rate
- 可更换不同型号的针头，配合不同应用场合点胶
Interchangeable needles for various dispensing applications
- 具有回吸作用
Suck-back function

型号 Model	MEST-F600S	MEST-F600L
外形尺寸 (mm) External Dimensions	φ24*180	φ40*220
重量 (kg) Weight	0.2	0.8
适合胶水粘度 (CPS) Applicable Fluid Viscosity	1000-500000	100-500000
适用场景 Application Scenarios	低流量 Low Flow Rate	高流量 High Flow Rate
材质 Material	主体铝合金6061/ SUS304 Aluminum 6061 / SUS304	主体铝合金6061/ SUS304 Aluminum 6061 / SUS304
进料接口 Inlet Connection Type	1/8	1/4
进料口压力 (MPa) Inlet Pressure	0.4	0.4
针头规格 Needle Gauge	8G-30G	8G-30G
开阀气压 (MPa) Valve Opening Pressure	0.4-0.6	0.4-0.6

高速气动 点胶阀控制器

HIGH-SPEED PNEUMATIC DISPENSING VALVE CONTROLLER

MEST-F600C



MEST-F600C高速点胶阀控制器有两路气压调节，可以控制胶桶的气压，输入气压0.6-0.8Mpa，气压精度可达0.001Mpa。

MEST-F600C High-Speed Dispensing Valve Controller features two pressure regulation channels for controlling the material barrel pressure, with an input air pressure of 0.6–0.8 MPa and pressure accuracy up to 0.001 MPa.

外形尺寸 (mm) External Dimensions	280(W)*290(D)*120(H)
输入电源 Input Power Supply	AC220V
控制信号类型 Control Signal Type	2000V电平信号, 脉宽>5ms 2000V level signal, pulse width >5ms
输入气压 (MPa) Input Air Pressure	0.4-0.6
气压精度 (MPa) Pressure Control Accuracy	0.001
气路输出 Air Output	2路 (胶压、阀压) 2 Channel (Dispensing & Valve Pressure)
适用阀类型 Applicable Valve Type	回吸阀 Suck-Back Valve

我们的项目管理 MEST Project Management



根据您的工艺要求 评估合适的一体化集成解决方案 Tailored Integrated Solutions Based on Your Process Requirements

MEST迈何特注重项目管理流程的每一处细节，永远把客户的需求放在第一位。我们为客户提供从售前支持到售后服务的全程解决方案，按照项目启动、开发、装配、质检等步骤不断探索，为每一位客户设计最理想的方案，增强客户的信任。

At MEST, we prioritize customer needs at every stage of project management—from pre-sales support to after-sales service. Through phases like project initiation, development, assembly, and quality inspection, we continuously refine and customize solutions to build lasting customer trust.



项目立项

Project Approval

项目实施

Project Implementation

设计
Design

评审
Review

文档
Documentation

装配
Assembly

调试
Testing

检验
Inspection

培训
Training

技术支持
Technical Support

交付验收
Delivery & Acceptance

服务网络

MEST Service Network



完整服务体系

Complete Service System

MEST迈伺特向您承诺，从最初的定制设计到出货检验：所有的步骤都是在与客户的友好沟通中进行，我们将提供高质量的产品和服务，确保客户获得最佳的使用体验。

MEST is committed to delivering a seamless experience from initial design to final inspection—every step is guided by close communication with our customers. We ensure high-quality products and services for the best user experience.



坚持自主研发

Commitment to Independent R&D

MEST迈伺特坚持自主研发创新，从未停止对技术的探索和对产品力的追求。通过对工艺可靠性的保证，满足不同行业客户的需求，让每一位客户都能找到最适配的解决方案。

MEST is dedicated to independent innovation and continuous exploration of advanced technologies. By ensuring process reliability, we meet the diverse needs of customers across industries—delivering tailored solutions that truly fit.

MEST

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