

POTTING

**PROCESS SOLUTIONS
YOU CAN COUNT ON**



MPS-230 MATERIAL PREPARATION SYSTEM

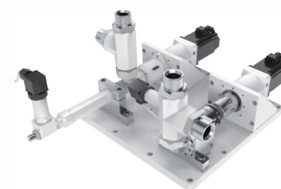
Product Description

ANDA's MPS-230 is a two-component (2K) meter mix material preparation system for precision sealant and adhesive metering delivery. The system provides simultaneous material preparation, temperature control, and feeding. Different parameters of each material can be controlled to deliver the desired mix ratio accuracy for components. Suitable for meter mix dispensing of self-leveling material, sealants, adhesives, silicones, polyurethane, epoxy resins, acrylics, elastomers, polysulfides, etc.

- Servo controlled metering delivers precision accuracy
- Consistent material feeding provides process control with high repeatability
- Suitable for standalone material preparation or pair with multi-axes gantry system for automated potting
- Easy operation and low maintenance



Material Pressure Tank



Metering System

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Specifications :

System Specifications

MDS-230 Material Preparation System

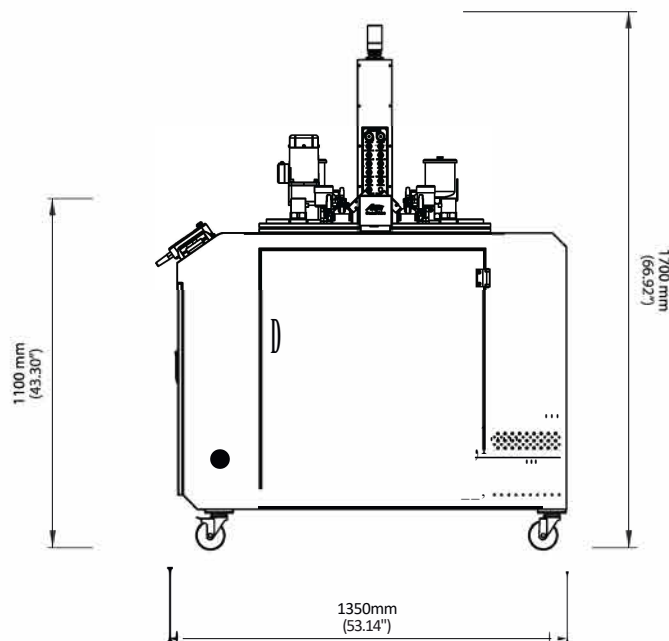
Material Handling	
Material A Delivery Pump	Screw Pump
Material B Delivery Pump	Gear Pump
Material Viscosity	1 - 50,000 mPas
Ratio	100:100-100:10
Ratio Accuracy	± 1%
Potting Accuracy	± 1%
Potting Speed	0.05-10g/s
Max. Outlet Pressure	3MPa
N B Tank Volume	20L/30L
N B Tank Heating	<70°c
N B Hose Heating (Option)	<70°c
N B Tank Mixing	Agitator
N B Tank Degassing	Vacuum
Facility	
Footprint	L 700 mm (27.56") W1400mm(55.11") H 1600 mm (62.99")
Weight	~400 kg (~880 lbs)
Min. Air Supply	0.6 ± 0.05 MPa (90 psi, 6 Bar)
Input Power	AC 220 V 50/60 Hz
Rated Power	21 kW

Standard Features

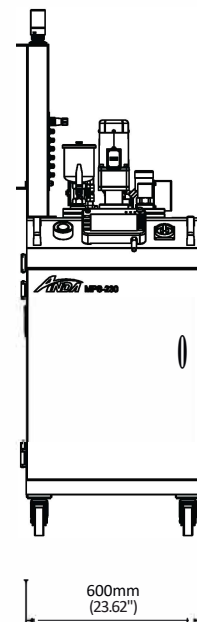
- PLC control with HMI
- Material level monitoring
- Pump pressure monitoring
- Vacuum degassing
- N₂ inlet port
- ESD grounding

Optional Features

- Auto-cleaning (mixer)
- Tank/ hose heating control
- Material auto refilling
- Static / dynamic mixing valve
- Tank agitator



Side View



Front View