

DISPENSING MACHINE SERIES

PME-R300B

3-axis fluid dispensing machine

Micro stepping XYZ

Dispenses glues, pastes, grease and lacquer over a 300 × 300 × 80 mm range at up to 500 mm/s with ±0.02 mm precision, for electronics, SMT and many other parts.



300 × 300 mm
X × Y RANGE, Z 80 MM

500 mm/s
MAX. SPEED

±0.02 mm
PRECISION

50 kg
UNIT WEIGHT

KEY FEATURES

3D line and arc interpolation

Lines or arcs are interpolated for accurate, continuous-path 3D dispensing.

Micro stepping XYZ motion

Micro stepping motors drive the XYZ axes for precise, stable and fast dispensing.

Numerically set parameters

Volume, size, speed, times and waiting times are set numerically; dispenses precisely without leaking.

Many dispensing jobs

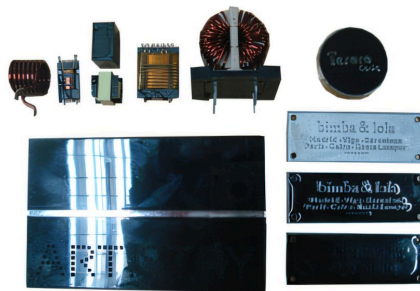
A variety of dispensing tasks can be done on one machine.

SPECIFICATIONS

MODEL PME-R300B	
Dispensing range	X300 × Y300 × Z80 mm
Max. speed	500 mm/s
Precision	±0.02 mm
Repeatability	±0.02 mm
Operating system	Control card with touch-key editor
Drive system	Micro stepping motor or belt
Electric source	AC 220 V, 0.75 kW
Dimensions	L550 × W640 × H660 mm
Weight	50 kg
Optional devices	1. Glue pistols, automatic tray heating system; 2. Multiple dispensing needles, for a variety of glue pistol and plastic barrel connections

Specifications and design are subject to change without notice.

DISPENSING SAMPLES



APPLICATIONS

Mobile phones and computer cases • Optical drives, DVD and printers • Ink clips • PC boards • LCD and LED • Digital cameras • Switches, connectors and relays • Radiators and semiconductors • Other electronics and SMT devices • Clocks, toys and medical equipment

SUITABLE FOR

UV glue • Epoxy (vinyl) • White glue • EMI conductive glue • Silicone • Instant glue • Silver glue • Red glue • Paste • Thermal grease • Anti-paste • Lacquer • Screw fixation • Liquid dispensing