

NEW

Dispensing of
1,000,000 mPa·s
of high-viscosity thermal grease
at large flow rate and at
high-precision level
capable



Example of desktop robot system



Features

- ◆ Overwhelming power to control high-viscosity grease
Dispensing with shortened tact time achieved
- ◆ Flat dispensing with specialized nozzle
Solid coat dispensing achieved

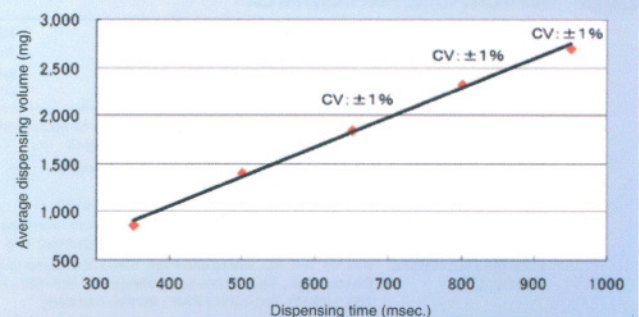
Applications

- Filling and coating of thermal grease (silicone compound)

Workpiece

- Radiator plate of ECU and PCU, heat sink, aluminum die casting
- Peripherals of power device
- LED Lighting

Linearity performance



Type: thermal grease Viscosity: 800,000 mPa·s Specific gravity: approx. 3g/cm³

Specifications

Item name	High-performance screw dispenser, SCREW MASTER dedicated to thermal grease dispensing
Model	M34-2373

Head

Supply air pressure	Max. 500kPa
Fluid material supply port	Rc1/4
External dimensions	W160xD90xH400mm
Weight	6kg
Nozzle	Specialized nozzles

Controller

Fluid supply pressure range	5 to 600kPa
Rotating speed setting range	5 to 120rpm
Rotating time setting range	10 to 999999ms
Suckback rotating speed setting range	5 to 120rpm
Suckback rotating time setting range	10 to 999999ms
Suckback delay timer	1 to 9999ms
Pressurization timing	Synchronized with motor rotation, or pressurization timer setting
Pressurization timer	1 to 9999ms
Auto increment function	(1) Dispensing time setting, (2) Dispensing rotation rate setting, (3) Pot life
Number of channels	400 channels
Dispensing counter	6-digit local counter, 8-digit local counter
Supply air pressure	Max. 600kPa (recommended supply pressure: dispensing pressure + 100kPa)
Power supply/power consumption	100V AC, 50/60Hz, 150W
Applicable fuse	250V 2.0A (time-lag fuse: $\phi 5$ type)
Power cord	1500mm
External dimensions	W300xD360xH212mm
Weight	Approx. 8kg

Holder

Mountable liquid material supply container	(1) SCS-330-□ (□: TB, TR, S, TS) (2) CS-170C (special collar used)
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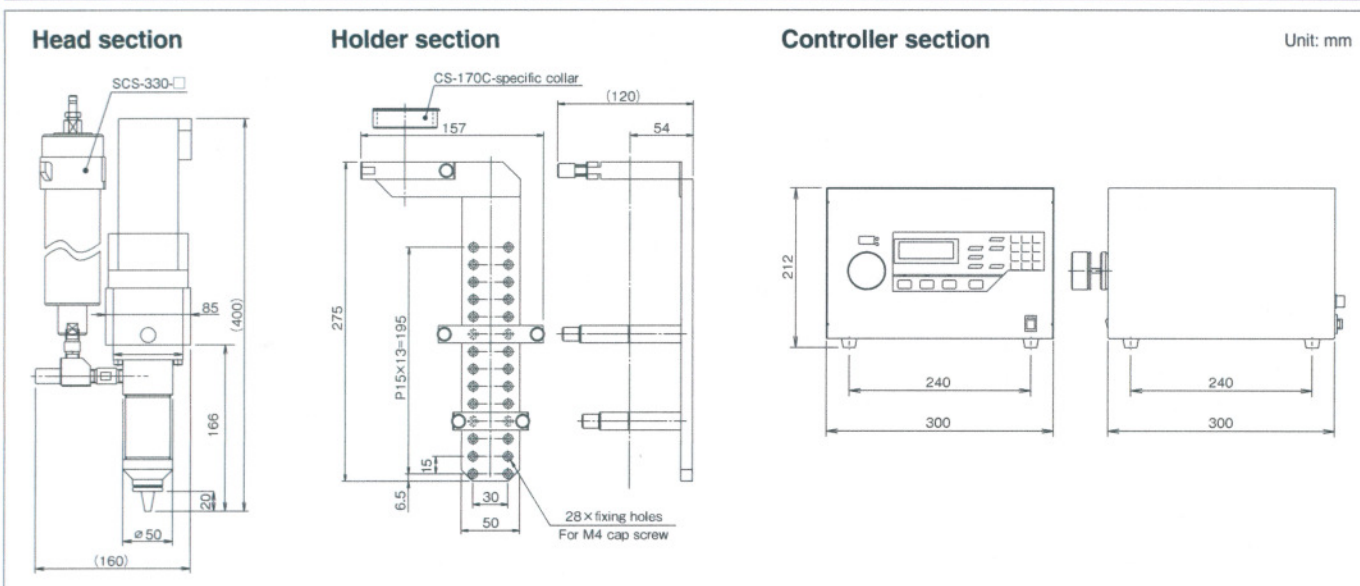
Head - controller connection cable

Cable length	3000mm
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Dispensing head



External dimensions



World Leading Dispenser
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