

NEW



## Sharp coating edge achieved without splash

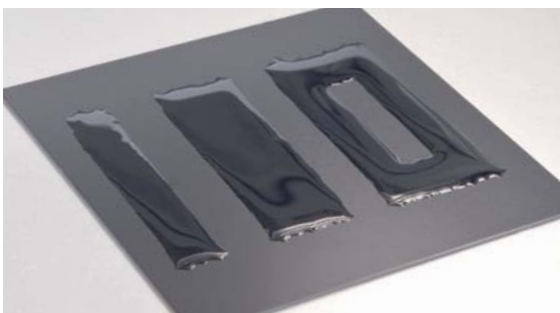
*Complicated dispensing prohibited area  
surely avoided.  
Best suited for substrate coating.*

### Performance enhanced

- ◆ Partical coating achieved with precise dispensing shape
- ◆ Excessive liquid consumption decreased with thin film coating

### Features

- ◆ Valve stroke numerical management available with embedded micrometer
- ◆ Shape adjustable at start and end points with speed controller
- ◆ Air purge port equipped as standard **NEW**



Dispensing sample



System configuration example

Head

Tank

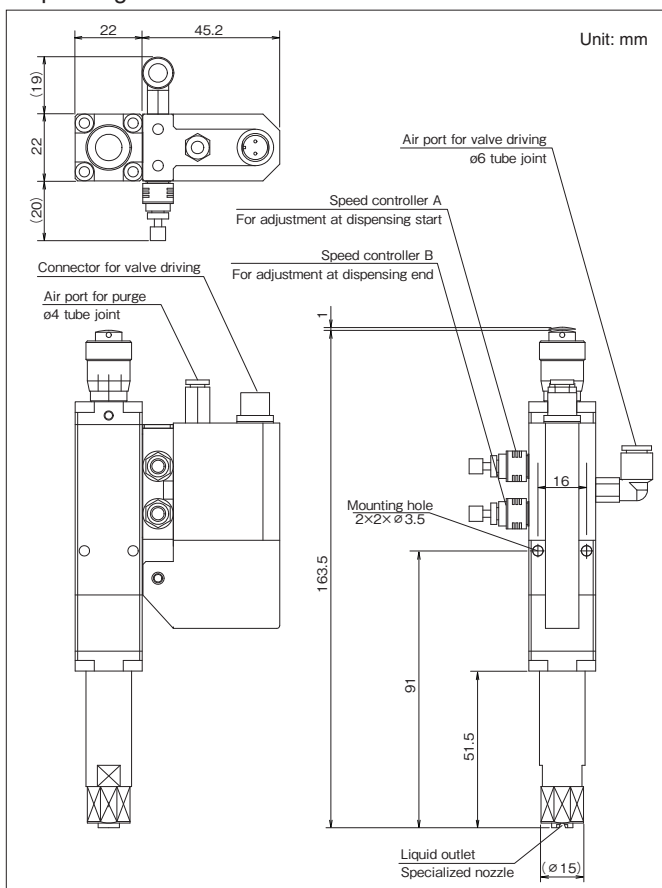
Controller

# Specifications

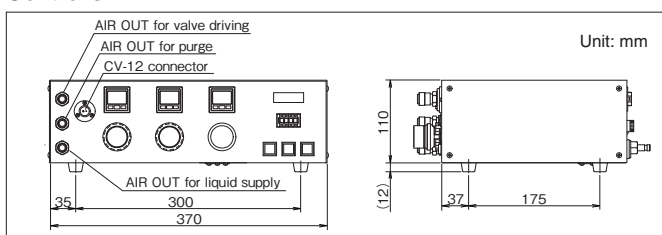
Item name	Coating valve
Model	CV-12
Drive system	Pneumatic driven system
Materials that come into contact with the fluid	Stainless steel, fluorocarbon polymers, polyacetal etc.
Air pressure for valve driving	0.35 to 0.5MPa
Liquid supply pressure	Up to 0.5MPa
Applicable viscosity range	1 to 100mPa · s
Air port for valve driving	ø6 tube joint
Connector dia. Air port for purge	ø4 tube joint
Liquid inlet	ø6×ø4 tube joint
Weight	Approx. 385g

# Dimensions

## Dispensing head

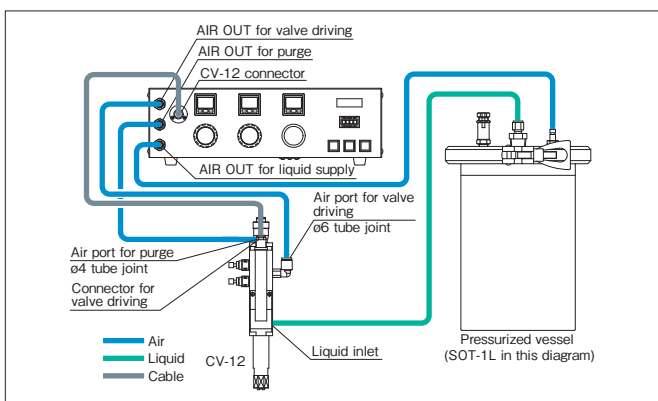


## Controller



Item name	Controller for CV-12
Model	M36-2492-001-00
Control system	Electro/pneumatic system
Display section	4-digits LED digital display (0.000 to 0.700MPa)
Air pressure adjusting range	For liquid supply: 0.005 to 0.700MPa For valve driving: 0.050 to 0.700MPa For purge: 0.050 to 0.700MPa
Dispensing time control circuit	Digital timer circuit
Dispensing time setting	(1) TIMED mode, 4-digits digital switch (00.01 to 99.99sec) (2) MANUAL mode, stopwatch display (00.01 to 99.99sec)
Input signal	Dispensing signal (switchable between non-voltage input and applied voltage input) Mode switching signal
External I/O signal	Dispensing completion signal, in-dispensing signal, mode state signal, power ON signal, lowered liquid supply pressure signal, lowered valve pressure signal, purge pressure drop signal
Output signal	
Applicable fuse	250V AC, T1.0A (time-lag fuse ø5 type)
Power supply	100 to 240V AC, 50/60Hz
Power consumption	Approx. 20W
Supply pressure	0.800MPa or less
Dimensions	W370xD247xH110mm (excluding protrusion)

# Configuration diagram of coating system



# Example of desktop robot system



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