Super small-amount dispenser featuring two ultra-precision pump units

Automatic Dual-liquid Measuring Mixed Metered Dispenser
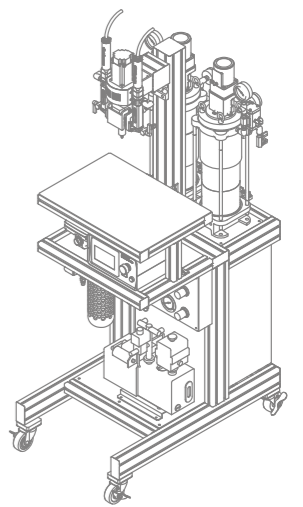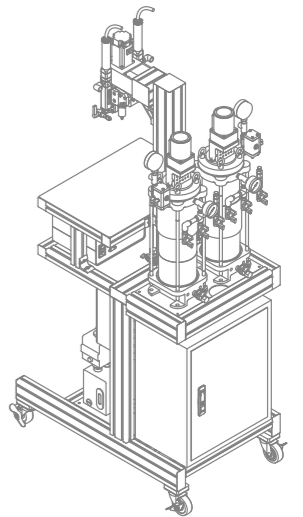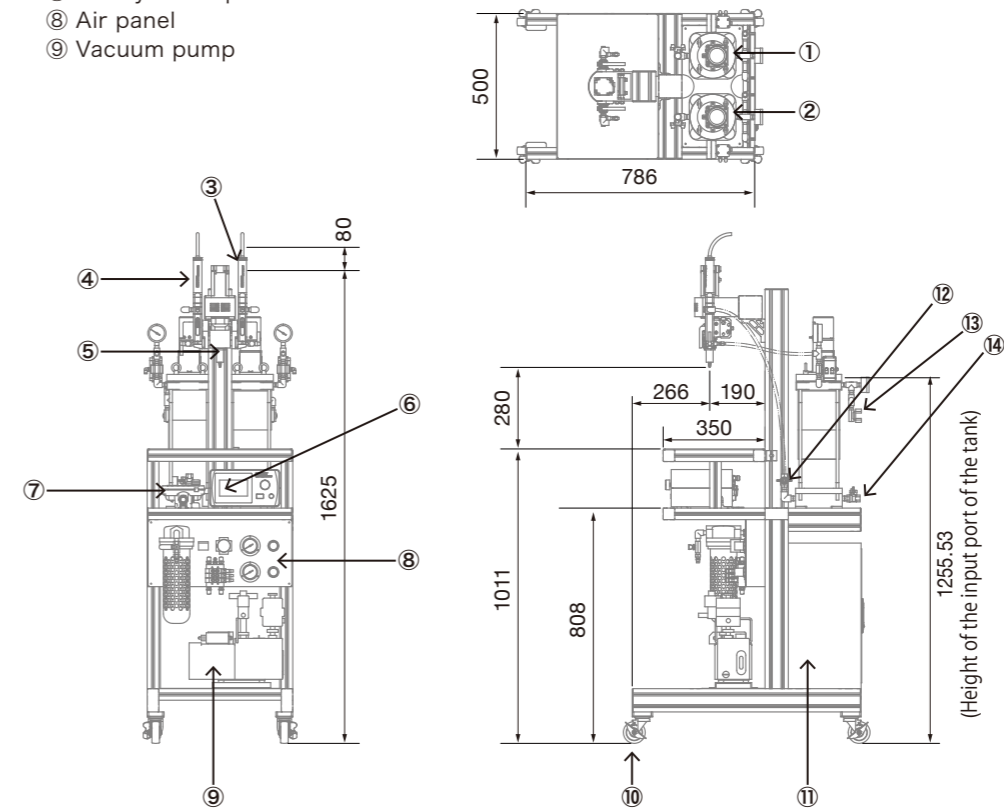# STP Series

Ultra-precision

Featuring SOSEY-SOLID® pump system capable of dispensing super small amounts of 0.150／0.450／0.900ml/rev.
Perfect for low-gravity to high-gravity, low-viscosity to high-viscosity materials, urethane, epoxy, silicone and other liquid materials.

⊕ Use
Various sensor capacitors, coils and transformers

■ Dimensions／Part Names (Unit: mm)

① A-agent tank
② B-agent tank
③ Solid pump for A-agent
④ Solid pump for B-agent
⑤ SNP unit
⑥ TSP controller
⑦ Handy touch panel
⑧ Air panel
⑨ Vacuum pump
⑩ Caster
⑪ Control panel
⑫ Pumping valve
⑬ Tank pressure operation unit
⑭ Drain valve

■ Comparison Table of Standard Specifications

Model	150	500	1000
Pump size	0.150ml/rev	0.450ml/rev	0.900ml/rev
Pump drive motor speed	～120rpm ※Differs by material		
Maximum amount dispensed (one side, theoretical value)	0.30ml/s	0.90ml/s	1.80ml/s
Minimum amount dispensed (one side, theoretical value)	0.0050ml/s	0.0150ml/s	0.0300ml/s
Dispensing precision	±1% ※Differs by material		
Material dispensing method	Pumped from tank		
Material supply pressure	～0.2MPa		
Material viscosity	～200,000mPa·s		
Usable temperature	～50℃		
Unit weight	200kg ※* Differs according to specification		
Material tank	Two 4L-tank made of pressure-resistance glass		
Mixer	Wonder Mix		

※Possible to select according to mixture.
※Numerical value is the design theoretical value and does not warrant the performance of this device.

■ Controller Specifications

Power supply	Three-phase 200V
Power consumption	1600W
Dispensed pattern memories	15 patterns
Operation mode	Timer dispensing manual (continuous) dispensing automatic cycle ratio check
Source pressure air	Φ6 air supply Capable of adjusting air pressurization in the range of 0–0.6 MPa with built-in regulator

※Specifications and outside appearance may change without advanced notice.
※The device is not explosion- or water-proof.
※Special specifications other than those noted above are available (optional). Please inquire with our sales representative if you wish to add optional specifications.