DISPENSE ROBOTICS

Pro Duo Pump Controller

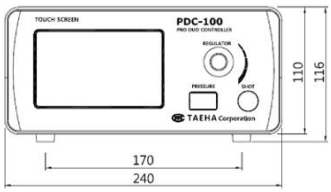
PDC-100

Data Sheet

A control device that can be applied to equipment such as desktop robots, articulated robots, inline systems and etc. to select the method of dispensing and to control the dispensing volume.

- The software developed exclusively for the PRO-DUO for two-component materials allows precision and a variety of dispensing applications.
- The color touch-screen is easy to control and responds to touches quickly.
- Its internal memory can store thousands of dispensing data and make dispensing process easier and simpler.
- Its interface with external devices allows continuous and secondary dispensing.
- Setting and changing data is easy to control.

SPECIFICATION	
Dimension	240 x 116 x 230 mm (9.45 x 4.57 x 9.06 in)
Weight	3.6 kg
Power	AC 220V 50/60 Hz (1 Phase)
Power Consumption	200VA Max
Display	4.5 in TFT LCD
Operating Method	Touch panel, Button, Regulator
Operating Mode	Time, Steady, Purge, Ratio
Memory	15 CH
Air Pressure	0.5 MPa (72.52 psi)
Inlet Port	One Touch Fitting PC (Ø6, Max 0.7 MPa)
Outlet Port	Auto Jointer (PH-H4)
Flow Sensor & External Control	OK
Input Signal	Contact Input or NPN Open Collector
End Signal	NPN Open Collector
Temperature & Humidity	Below 0 ~ 40℃ / 80[%]RH (A place where no steam is generated)
STD Component	Motor Cable, I/O cable, Power cable, Terminal block

Application

- Two-components silicone for LED lighting
- Dispensing epoxy for small Auto parts
- Urethane coatings for many kinds of sensor filters
- Epoxy molding for solar panels (junction boxes)
- Physiochemical Labs