

## XDP-100 Low Cost Fluid Dispenser

XDP-100 is a state of the art dispensing unit capable of dispensing fluids of very wide range of viscosity (from water-like to heavy solder pastes). The unit is of modern construction and utilizes latest achievements in semiconductor and microprocessor control technology.

### Features

- ◆ Digital timer.
- ◆ Constant flow solenoid.
- ◆ Adjustable pull back for controlling the drip of fluid between dispense cycles
- ◆ Foot-pedal actuated
- ◆ Timing adjustment in 0.1 or 1 seconds increments.
- ◆ The smallest footprint in the industry to save your bench space. Space saving syringe holder attached to the unit.

### System includes

- ◆ XDP-100 Base Unit
- ◆ SH-10 Side mounted syringe holder for 10 cc syringe
- ◆ XDHA-10 Dispensing Head Assembly for 10cc syringes
- ◆ XFS-1 Foot Switch
- ◆ XND-2 Dispensing Tip Set
- ◆ XDL-1 Compressed Air Connecting Hose

### Specifications

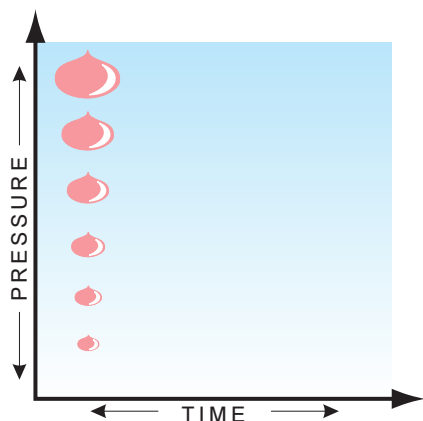
<b>Input Voltage</b>	110-120, 220-240V AC
<b>Power Consumption</b>	Max. 20 VA
<b>Internal Voltage</b>	24 V
<b>Operating Pressure</b>	2 to 100 psi (0,2 to 7 bar)
<b>Air Source</b>	Shop Air or Compressor
<b>Time Range</b>	0.1 to 10 second
<b>Weight</b>	6.6 lbs (3.0 kg)
<b>System dimensions</b>	8.9" x 6.5" x 3.5" 225 x 166 x 88 mm
<b>Packaged weight</b>	8 lbs (3.6 kg)



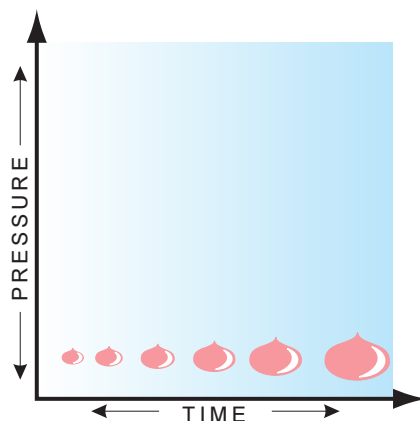
### Recommended Additional Equipments:

- ◆ XDS-1 Universal Syringe Stand

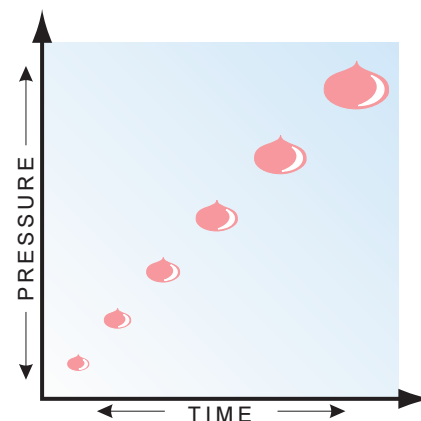
## How do time and pressure affect dispensing?



As pressure is increased, while time stays constant, the dispensed dot or shot size will increase.



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If both time and pressure increase in tandem, shot size will increase at a faster rate.