



INSTRUCTION MANUAL

XDP-100

Fluid Dispensing System for SMT Rework / Repair
and all other dispensing applications



FIG. 1 VIEW OF THE SYSTEM

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XDP-100 Fluid Dispensing System

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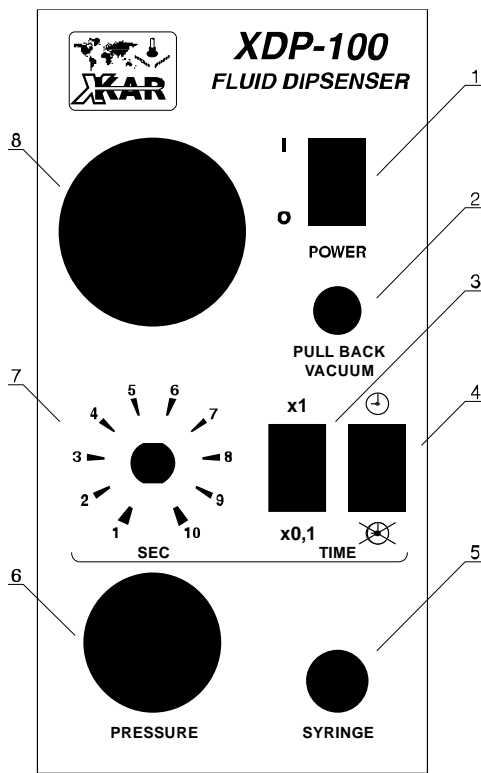


FIG. 2 VIEW OF THE CONTROL PANEL

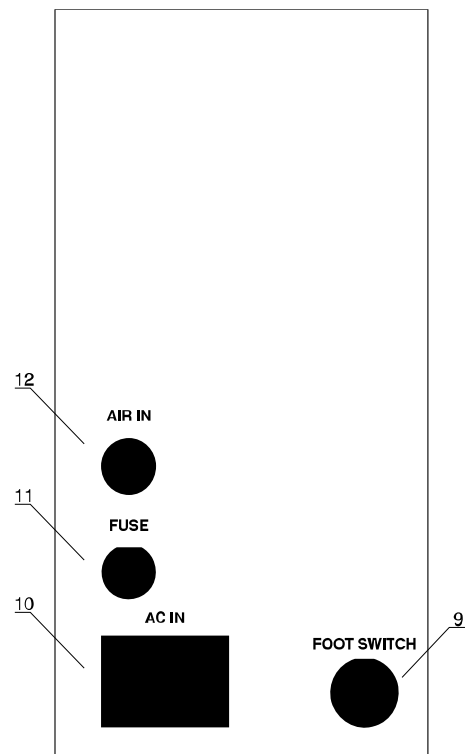


FIG. 3 VIEW OF THE BACK PANEL

1. Power switch
2. Pull back vacuum adjustment
3. Time Range and Scale selector switch
4. Mode selection switch
5. Syringe connector with valve
6. Pressure adjustment knob
7. Time (pulse with) adjustment knob
8. Pressure gauge

9. Foot switch connector
10. Power cord connector
11. Fuse holder
12. Air source connector

I. PACKAGING

The box contains as follows:

1. XDP-100 Base Unit
2. SH-10 Side mounted syringe holder for 10 cc syringe
3. XDHA-20 Dispensing Head Assembly for 10cc syringes
4. XFS-1 Foot Switch
5. XNS-2 Dispensing Tip Set
6. XDL-1 Compressed Air Connecting Hose
7. Instruction Manual
8. Guarantee card

II. UNPACKING

Prior to use of the system, please check if the system is complete. Should you notice that any items are missing, please notify us, giving the details of model number, voltage, date of purchase, where purchased and what is missing.

Attention: When unpacking, please be careful and read the manual prior to turning the system "ON". Please check that the voltage of the System corresponds with the voltage of your available supply. Connection to incorrect voltage supply may cause damage to the System!

III. SET-UP AND INSTALLATION

1. The system should be located on stable work surface.
2. Check if power switch on the front panel in the "OFF" position.
3. Mount a syringe holder SH-10 on the right side of the XDP-100 base unit.
4. Connect the XDL-1 compressed air connecting line to the AIR IN nipple. This Line must be connected on the other end to the filtered air source. The air source pressure range should be between 5 to 100 psi (0.2 to 7 bar)
5. Connect dispensing head assembly line to syringe connector on the front panel
6. Mount syringe with solder paste, flux or other fluid to dispense into a syringe adapter and place the adapter into the holder
7. Connect an AC power cord to a suitable AC power outlet.
8. The system is now ready to use.

IV. SYSTEM DESCRIPTION and APPLICATION

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.
- Timing adjustment in 1 or 0,1 sec. increments.

XDP-100 Fluid Dispensing System

V. TECHNICAL SPECIFICATIONS

Input Voltages	Models 100V AC, 115V AC and 230V AC
Power Consumption	20 VA
Internal Voltage	24V AC
Operating Pressure	5 to 100 psi (0.2 to 7 bar)
Air Source	Shop Air or Compressor
Time range	0.1 to 10 second
Weight	3.0kg (6.6 lbs)
System dimensions	225mm x 166mm x 88mm (8.9" x 6.5" x 3.5")
Packaged weight	3.6kg (8 lbs)

VI. OPTIONS

1. XVP-10D Vacuum pick-up hand piece
2. XDS-1 Universal Syringe Stand

VII. SPARE PARTS LIST

1. SH-10 Side mounted syringe holder for 10 cc syringe
2. XDHA-10 Dispensing Head Assembly for 10cc syringes
3. XNS-2 Dispensing Tip Set
4. XDL-1 Compressed Air Connecting Hose



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