

TECHCO ANALOG FLUID DISPENSER



TDS982i

Take the guesswork out of fluid dispensing with the TDS982i Analog Fluid Dispenser. Fast repeatable deposits ensure consistency without waste.

Any viscous material, from adhesives to epoxies, from sealants to solder pastes can be smoothly dispensed by the TDS982i. The solid state controller provides accurate and repeatable dispensing cycles. Optimum dispensing is achieved by adjusting output pressure and dispensing timing in either automatic or manual operation.

Variable dispenser time ranges are included to offer controlled time shots from 0.2 to 30.0 seconds, momentary or maintained actuation options. A mode switch on the panel permits instant change over from timed deposits to continuous flow as long as the footswitch is depressed.

The vacuum on the TDS982i is a multi-chamber transducer design that ensures no excess dripping after fluid deposition. When the air solenoid is activated by the footswitch, the vacuum is bypassed to permit dispensing. Immediately following the deactivation, an adjustable vacuum is actuated to prevent material from passing through the orifice thus controlling the fluid drip between dispensing cycles.

Features :

- Analogue timer selection
- 0.18CV factor constant flow solenoid
- Lighted function switches
- Adjustable vacuum up to 15 inches Hg
- Selectable voltage supply
- Micro action foot switch
- Accessories available

Specifications :

- Size : 240(W) x 145(D) x 65(H) mm
- Weight : 1.66 kg
- Input voltage : 100 / 120 / 220 VAC
- Internal voltage : 24 VDC
- Operating pressure : 35 to 100 PSI (2.5 to 7 bar)
- Timer : Adjustable from 0.2 – 30.0s
- Repeat accuracy : $\pm 5.0\%$
- Cycle initiation : Maintained or Momentary

Standard Accessories :

- Receiver assembly
- 30cc barrel and stopper
- Set of 5 needles
- Syringe stand
- Footswitch
- Power cord

For more information, please contact



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