LOCTITE®

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Product Description Sheet
Loctite® Dual Channel Digital Controller
Item # 97152   IDH # 1275665
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PRODUCT DESCRIPTION

The Loctite® Dual-Channel Controller, item # 97152 is a versatile, multi-function controller for actuating 1 or 2 dispensing valves as well as appropriate peripheral equipment such as an advancing slide, rotorspray, an in-line flow monitor or reservoir. Reservoir pressure is regulated by means of a precision regulator and measured by a digital transducer. All dispensing parameters can be password protected to prevent unauthorized changes. Process functions are programmed by the front panel keyboard and aided by a graphical liquid crystal display. This controller can be integrated into fully automated assembly line operations by means of the PLC interface.

PRODUCT FEATURES

- Graphic LCD display shows reservoir level and dynamic flow conditions.
- Digital readout for reservoir pressure, program step number, status of dispense, and dispense time in seconds.
- Four (4) independent dispense programs can be stored in memory.
- Capable of controlling one or two dispense valves (single or dual acting).
- Serial and parallel interface ports for connection of a PLC.
- Security PIN locking option for set-up parameters.
- Easy hook-up and programming for an Advancing Slide or Rotospray unit.
- Accepts up to two In-Line Flow Monitors and pressure transducers.
- Automatic sequencing of advance slide, rotorspray and dispense valve
- Full integration capability into highly automated production systems.
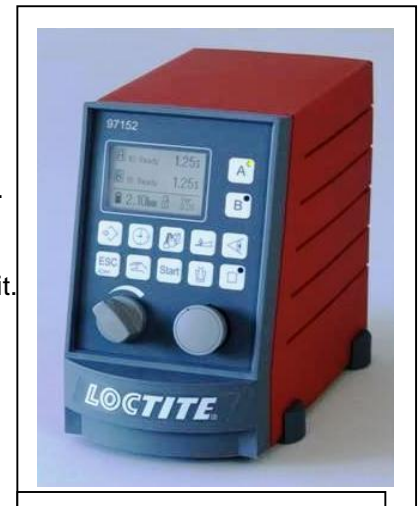

Technical Data

- Operating voltage: 100 – 240 VAC; 50/60 Hz.
- Power consumption: Approx. 40 watts
- Pneumatic supply: 30 psi (min) to 145 psi (max).
- Pressure regulator range: 1.5 – 100 psi.
- Inlet air tubing size: 6 mm O.D.
- Pneumatic tubing to reservoir: 6 mm O.D
- Pneumatic tubing to valves or advancing slides: 6 mm O.D
- Weight 6.6 lbs.
- Dimensions: 5.9" W x 9.0" H x 10.6" D

Dual Channel Controller includes:

- Controller
- Instruction Manual
- AC Power Cord

Optional Accessories (not included):

- Product reservoir; with D.C. low level sensor, item # 982723; w/o low level sensor, item # 982727
- Electric rotorspray; item # 97115
- Advancing slide; 50 mm stroke, item # 97118 or 100 mm stroke, item # 97119.
- In-Line Flow monitor; item # 97211.