

Industrial peristaltic pump TUN-3



The MDX TUN-3 is an industrial grade peristaltic pump for large volumes, encased in a stainless steel housing. Its sophisticated design and LCD-Display, showing the pumps status in terms of speed and flow rate, makes handling very easy.

Depending on pump head and tubing diameter, the pump has a flow rate range from 0.1-1750ml/min per channel with 0.1-350 rpm. A maximum of 4 channels are possible, as well as is controlling the pump via foot pedal or external analog/digital signals (incl. external monitoring).

This allows to fulfil a wide range of requirements when it comes to transporting and dispensing liquids, from laboratory use to industrial manufacturing.



Technical specification

- Flow rate: 0.1- 1750ml/min, depending on pump head and tubing diameter
- Easy tubing change
- Tubing pressure adjustable
- Applicable tubing sizes:
0,8x1,6; 1,6x1,6; 2,4x1,6; 3,2x1,6; 4,8x1,6; 6,4x1,6; 8,0x1,6
- Speed range: 0.1-350 rpm at 0.1 increments
- Accuracy of flow rate: 0.5-1.0%
- Display: 3.2" LCD
- Dispensing: Timer function
- Control: Membrane keyboard for start-/stop, direction of rotation; turning knob for speed.
- External control: Start/stop, direction of rotation, speed (optional 0-5V, 0-10V, 4-20mA, RS485, RS232, MODBUS Protocol), passive (e.g. a foot pedal) and active switch signal (5V, 12V, 24V).
- Output interface: status of the motor (Open-Collector-Output)
- Power supply: AC 220V +10%; 50/60Hz (standard),
AC 110 +10%; 50/60Hz (optional)
- Power consumption: < 50W
- Dimensions (one channel): 289 x 152 x 200 mm (LxWxH)
- Ambient temperature: 0-40°C
- Relative humidity: < 80%
- IP-rating: IP42
- Weight: 5.2kg