

Technical Data

Operating Temperature: 4 - 40°C.
No warm-up time is required before operation.

Position: Upright only (vertical $\pm 5^\circ$).

Head Speed: 0.01 to 48 rpm.

Torque: Greater than 3 Nm at any speed below 25 rpm, at or above the nominal voltage (110V or 220V).

Motor Speed Stability: 0.5% for any variation of line voltage, torque, or temperature.

Continuous Speed Adjustment: From 0 to 48 rpm by 0.01 increments up to 9.99 rpm, above 9.99 rpm by 0.1 increments.

Flow Rate Range:

Maximum: MP model 40 mL/min (1.8 L/h, 4 mm tubing), HF model 250 mL/min (15 L/h, 8 mm tubing).

Minimum: 0.3 μ L/min (0.25 mm tubing).

Maximum Back Pressure: 500 kPa for MP models, 300 kPa for HF models

Peristaltic Tubing Diameter: 0.25 to 4 mm (id) for MP models, 2 to 8 mm (id) for HF models.

Line Voltage: 90V to 132V for 110 voltage selection, 180V to 264V for 220 voltage selection.

Line Frequency: 47 to 63 Hz.

Power Consumption: Full load 45 W at 220V ; no load 35 W at 220V.

Dimensions without heads: 150 x 175 x 185 mm (W x D x H).

Humidity: Up to 80%

Weight: 4 kg.

Altitude: Up to 2000 m.

Pollution: Pollution degree 2.

Installation: Category II

Conformity to Norms:

Refer to separate leaflet LT801354 'Declaration of Conformity'.