

MLT0670 Disposable BP Transducer (stopcock)

Transducer Series

Description

The MLT0670 is a low-cost, light-weight, disposable blood pressure transducer that gives consistent and accurate readings. The transducer is supplied within sterile packaging, however ADInstruments DOES NOT GUARANTEE the integrity of packaging nor sterility of the transducer and therefore the transducer MUST BE STERILIZED prior to use with human subjects. The transducer is suitable for use with the ML117 BP Amp using the MLAC05 Adapter Cable.



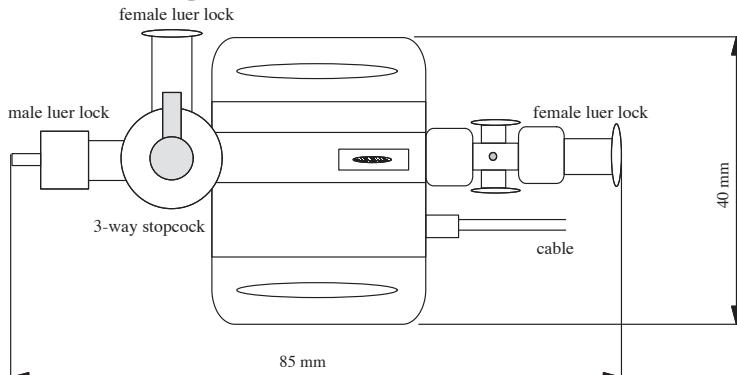
Operation

Before use, finger-tighten all connections. Blood pressure is transmitted to the sensor via a subject cannula or catheter. Before connecting to a catheter, prime the system by flushing three or four times until all visible air bubbles are removed. Use a 10 mL syringe if continuous flushing is not available. Open the 3-way stop cock to air to take a zero reading for the transducer before calibration and recording blood pressure.

Application

The MLT0670 Disposable BP Transducer is designed for measuring arterial and venous blood pressure in humans and large animals.

Technical Diagram



Transducer Dimensions

Caution

Read "Statement of Intended Use" on our website or in "Getting Started with PowerLab" before use. The MLT0670 is supplied packaged and MUST be cold sterilized prior to being used with human subjects.

Specifications

| | |
|-------------------------------|---|
| Operating pressure range: | -50 to +300 mmHg |
| Excitation: | 2 to 10 V DC |
| Sensitivity: | 5 µV/V/mmHg |
| Overpressure protection: | -400 to +4000 mmHg |
| Non-linearity and hysteresis: | ±2 % of reading or ±1 mmHg (whichever is greater) |
| Input impedance: | 350 Ω ± 10% |
| Output impedance: | <400 Ω |
| Operating temperature: | +15 °C to +40 °C |
| Storage temperature: | -25 °C to +70 °C |
| Operating life: | >500 hours |
| Cable length: | 250 mm (9.8") |
| Dimensions: | 85 x 40 mm (3.4" x 1.6") |
| Weight (including cable): | 26 g |
| Connector: | Spacelabs plug |

All specifications were tested at the time of printing and are subject to change.

Ordering Information:

MLT0670 Disposable BP Transducer (stopcock)

For use with:

ML117 BP Amp*

*(Requires and supplied with MLAC05 BP Amp to Deltran II Cable)

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ISO 9001:2008 Certified Quality Management System

WARRANTY: ADInstruments PowerLab data acquisition units (Product Number Prefix: PL), Front-end Signal Conditioners (Product Number Prefix: FE) are warranted against defects in materials and workmanship for a period of 5 years from the date of purchase. Other PowerLab data acquisition units and ADInstruments manufactured Front-end and Pod Signal Conditioners, and Instruments are warranted for a period of 3 years from the date of purchase. Third party products are covered by the manufacturer's warranty. Warranties are void if the product has been damaged due to negligence. Consumables and electrodes are not covered by a warranty. All questions regarding service and warranty should be directed to your nearest ADInstruments representative.