Product name:	Product code:
Isometric Force Transducer for Organ Bath	CMI-NP-0003



Description

A sensitive isometric force transducer that converts tissue tension from isolated uterus, intestine or aorta preparations into an electrical signal for data acquisition or chart recorders.

Technical specification

Mounting	Rod clamp, 8 mm

Standard Accessories

- Connecting cable

The transducer is mounted above the organ bath and connected to the tissue by a hook and thread. It gives a linear output proportional to force and is used with a bridge amplifier or digital data recorder.

Features

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- Strain gauge bridge sensing element
- Overload protection stop
- Small size for stand mounting
- Corrosion resistant housing

Technical Specifications

Force range	0 to 50 g (other ranges 10 / 100 g)
Sensitivity	Approx. 1 mV/V at full scale
Excitation	5 to 10 V DC
Linearity	+/- 0.5 percent of full scale
Overload capacity	Up to 10 times rated range
Output connector	DIN or BNC type