

# Catheter Tip Pressure Transducers for Oesophageal Manometry

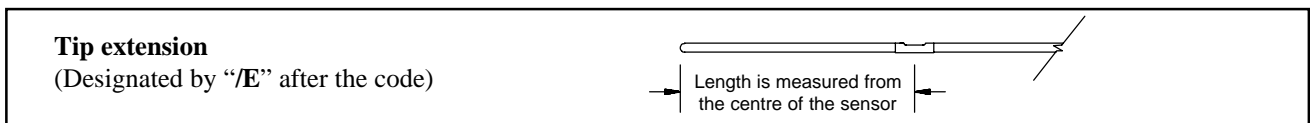
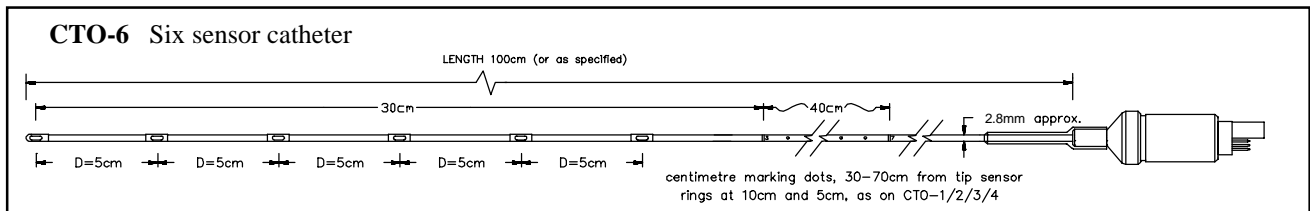
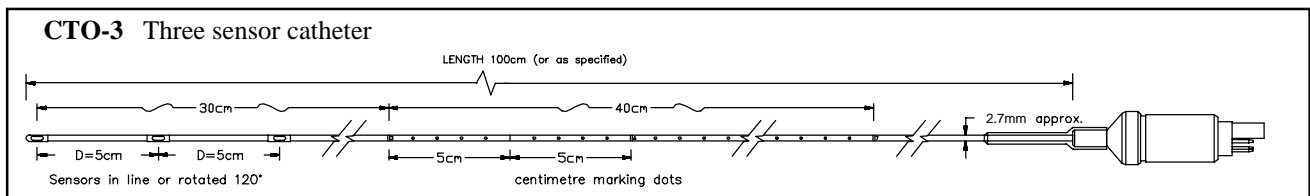
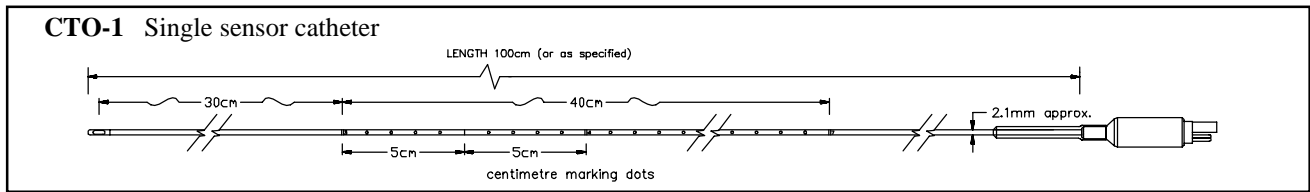
The Gaeltec CTO range feature robust metal sensing diaphragms mounted within soft flexible silicone rubber catheters. They have excellent frequency response and are simple to use for standard manometry as well as ambulatory recording.

The units are compatible with a wide range of monitors, which have been set for use with conventional transducers having a sensitivity of  $5\mu\text{V}/\text{V}/\text{mmHg}$ .

Sterilisation is by means of cold aqueous solutions of detergent (e.g. Cidex) or by ethylene oxide gas. Do not use sodium hypochlorite solution.

All the catheters can be supplied to order with centimetre markings or a soft tip extension.

Gaeltec is able to supply variations in the sensor spacing on these standard items to suit the particular requirements of the customer usually at no extra cost. Over the years we have made a wide variety of devices using our proven technology. If you have a special need, ask us.



## SPECIFICATIONS

**Sensor:** Metal diaphragm with directly deposited resistive strain gauges

**Excitation:** 5V AC r.m.s. maximum or 1V DC maximum

**Bridge resistance:** 1.5k $\Omega$  nominal

**Sensitivity:**  $5\mu\text{V}/\text{V}/\text{mmHg}$

**Linear pressure range:** 0 - 300mmHg

**Compensated temperature range:** 15 - 40°C

**Temperature coefficient of zero:** < 0.05%FS/C°

**Temperature coefficient of sensitivity:** < 0.2%/C°

**Linearity and hysteresis error:** <  $\pm 1\%$ FS BSL

**Overpressure:** 1200mmHg

**Connector:** 6 pin Lemo 2 series for single sensor, 14/14/16/20/24 pin Lemo 4 series for 2/3/4/5/6 sensor catheters.

As supplied on the appropriate extension lead type EL-1/2/3/4/5/6

NOTE: All specifications are subject to modification without notice. (00/1)

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