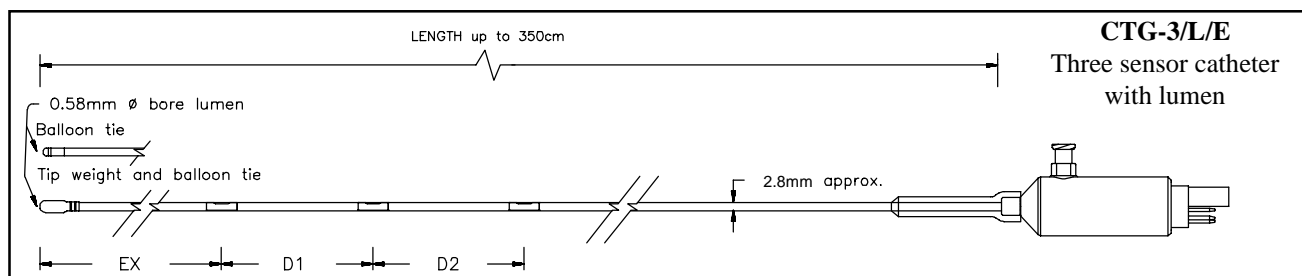
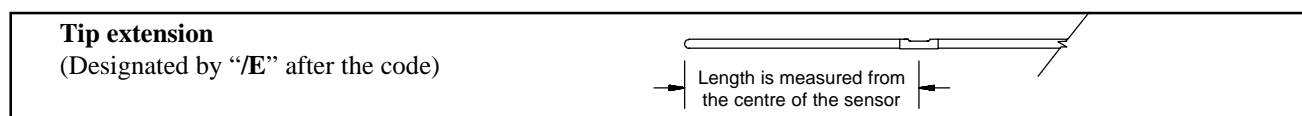
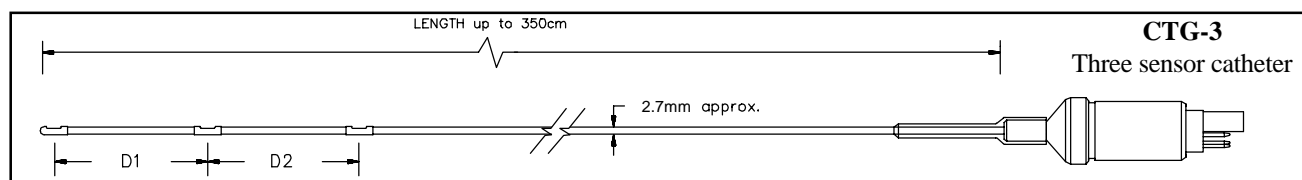
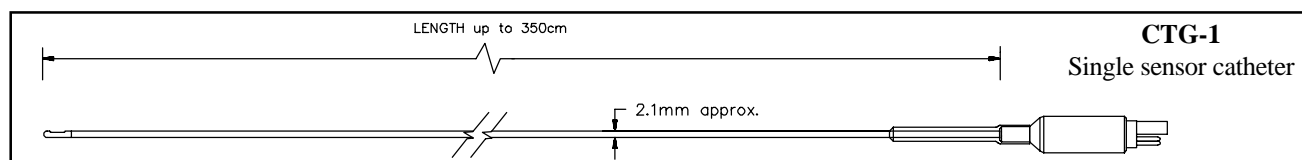


Catheter Tip Pressure Transducers for Gastroenterology

The Gaeltec CTG 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.

We can make special units with other configurations of lumen and balloon ties in this range of extra long catheters. 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 Ω 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 pin Lemo 4 series for 2/3 sensor catheters.

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

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

GAELTEC LTD.

Dunvegan, Isle of Skye, Scotland IV55 8GU

Tel: (01470) 521385 Fax: (01470) 521369

E-mail: sales@gaeltec.com www.gaeltec.com