

## Fontanometer

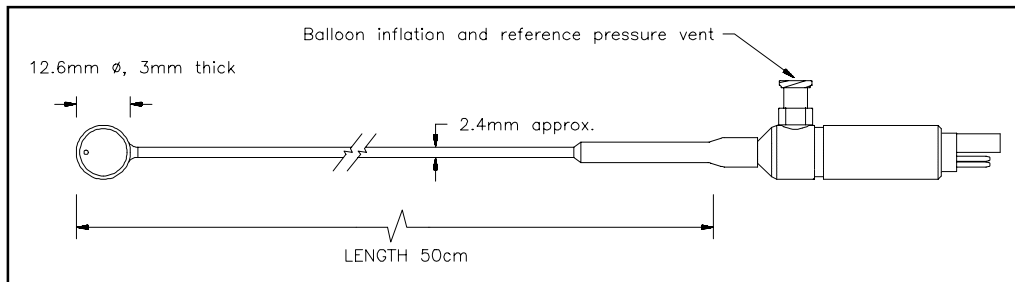
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This Gaeltec transducer has been developed to make non-invasive measurements of ICP in infants, using the well known principle of appplanation of the fontanelle. It has been in clinical use for a number of years.

The high frequency response gives a good display of respiratory and pulse pressure waves. The balloon over the sensor enables the baseline to be checked by equalising pressure above and below the sensor in situ, as in the Gaeltec ICT/B transducer.

A major advantage of this system over pneumatic devices is the compatibility with most strain gauge pressure monitors using the extension lead type EL-1, with the appropriate connector, fitted by the customer or by Gaeltec.

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



### 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 or 10 $\mu$ V/V/mmHg

**Linear pressure range:** 0 - 100mmHg

**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:** 600mmHg

**Catheter:** 50cm of flexible silicone rubber

**Connector:** standard Gaeltec 6 pin Lemo 2 series

NOTE : All specifications are subject to modification without notice. (98/6)

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