

GRP Instrument Protection Enclosures

A range of general purpose Instrument Enclosures and specialty Hot Boxes are available in many styles for a wide range of applications, designed to protect all types of instrumentation.

Constructed from durable Glass Re-inforced Polyester sandwich with an external gel coat for extra protection. The intermediate layer consists of a thermal insulation specially processed to form a rigid structure.



Developed by DP Systems, Hot Boxes allow **close-coupled** instrumentation to be installed close to the process, yielding benefits such as:

- Shorter impulse lines
- Reduced labour costs
- Reduced maintenance costs
- Reduced operating costs
- Improved instrument performance

Our enclosures provide protection from:

- **Weather:-** Damp - Rain - Dust - Humidity
- **Freezing:-** Hot boxes or thermally insulated enclosures c/w an integral heating system.
- **Corrosion:-** Industrial environments ; Marine spray ; UV and corrosion resistant
- **Damage:-** GRP construction provides structural strength and stability over wide temperature range.



PERFORMANCE:

- ✓ Protection rating up to IP66 IEC529
- ✓ Fire retardant to BS 476 part 7 class 2
- ✓ Temperature range -55C to 140C
- ✓ Self extinguishing Class 1
- ✓ Available anti-static to EN 50014 1992 section 23.4.7.8
- ✓ Non-absorption of Hydrocarbons
- ✓ Various colours available.

