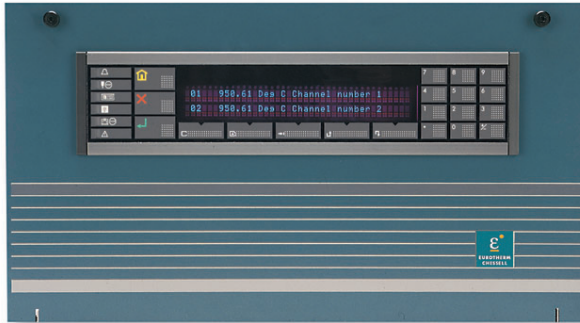


# 4000R

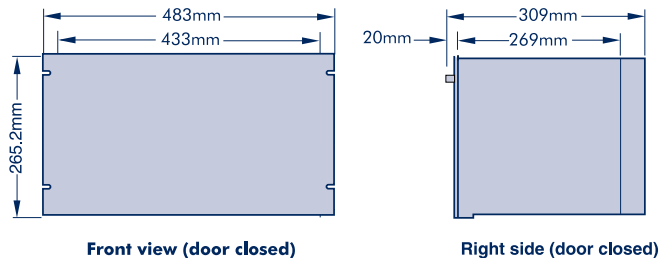
## Universal Data Acquisition System



### Features

- up to 96 inputs
- powerful alarm monitor
- low cost data acquisition
- connects to Eurotherm graphic display
- data archiving
- powerful maths capabilities
- Modbus® comms as standard

The model 4000R is a high specification data acquisition and alarm monitor providing all the functions of the most modern instrumentation. A wide range of features allow powerful maths calculations, serial communications, data archiving and alarm scanning. These features combine to provide the operator with the widest possible range of process information.



### Options

- Relays** – changeover relay alarm outputs.
- XIIDL** – for connection to 4250G/4180G.
- PC card** – for archiving and historical analysis.
- Maths pack** – for simple or complex calculations.
- Totalizers, Timers and Counters** – for common process requirements.
- 8 Channel universal input or 16 channel dc input cards**
- Integral or remote vacuum fluorescent 2 line display panel**

### Specifications

#### Protection:

IP54

#### Archiving:

256kbyte to 6Mb PC memory card

#### Input types:

Dc mV, dc V, dc mA

Thermocouple: B, C, E, J, K, L, N, R, S, T, U, Ni/NiMo, Platinel II, RTD (2/3 -wire) PT100, PT1000, Ni100, Ni120, Cu10

#### Serial communications:

RS232/485, Modbus and EI Bi-Synch for connection to SCADA systems

#### Max power consumption:

120W

#### Temperature limits:

Operation 0-50°C

#### Humidity limits:

Operation 5 to 80% RH non-condensing

#### Literature:

IA247635 Overview Brochure  
HP250877 Specification Sheet

