

T DAS

Data Acquisition System

T DAS is a portable multi purpose data acquisition system designed specifically for the acquisition of measurements in the fields of radiotracers and nucleonic control systems applications in industry and environment. It is powered by a General 110/220 VAC50/60 Hz power supply, or optionally, from a battery.

The system consists of:

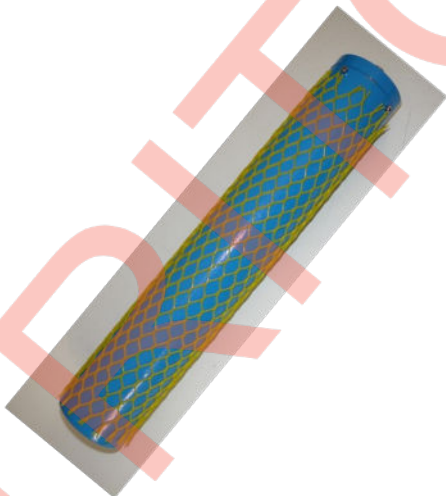
One case (portable briefcase) that includes :

- Electronic card for power supply to the probes, probe signal conditioning ;
- Pulse counting unit with reference signal;
- PC power supply,
- PC laptop for data acquisition and visualisation, and
- Software installed in the computer





The standard version system can receive 12 scintillation detectors of various types and sizes.



Scintillation detector
Crystal Nal(Tl) dia 1.5 " or 2 " , 1 to 2 " length + PMT, available with other crystal types and dimensions
Stainless steel housing (Aluminium possible)
Connector
Embedded electronic card for HV supply
Signal output TTL or physical pulses
Temperature range – 25 °C to 50°C
Power supply 12 to 24 VDC
Waterproof IP67

Specifications Continued

Cable
Cable on reel
Connector detector side
Length: usually 50 m to 100m

