Product name:	Product code:
Centrifugal Compressor Demonstration Unit	Fluid00067

Description

Centrifugal Compressor Demonstration Unit

Technical specification

Centrifugal Compressor Demonstration Unit Centrifugal Compressor Demonstration Unit

Specification of **Centrifugal Compressor Demonstration Unit**

- A small-scale multi-stage centrifugal compressor demonstration unit, comprising of an inlet duct, the compressor, an outlet duct and an adjustable aperture, all mounted on a stainless steel base.
- Seven stages in the compressor.
- Equipped with electronic measurement sensors for head pressure, flow rate (via orifice plate) and air temperature.
- Capable of being linked to a PC (not supplied) via a dedicated interface console (an essential accessory).
- Supplied with software providing full instructions for setting up, operating, calibrating and performing the teaching exercises. Facilities for logging, processing and displaying data graphically.
- Full theoretical back-up together with a student questions and answers session.

Technical Details of **Centrifugal Compressor Demonstration Unit**

- The analogue output data is digitised and transferred to a computer using the standard USB (Universal Serial Bus). This allows any standard modern Windows computer to be used, including notebooks, and does not require any internal access to the computer.
- The equipment is supplied complete with a USB lead for connection to the computer.
- The interfaces to the computer using the device and the USB port of the computer.
- Also available is a software driver that allows the outputs to be read in other software programs, such as Labview.