

**Product Name :**  
Single Stage Compressor Test Unit

**Product Code :**  
ENGLABINGCAG870003



**Description :**

Single Stage Compressor Test Unit

**Technical Specification :**

A bench mounted, belt driven, single stage reciprocating air compressor with a motor dynamometer allowing measurement of the motor shaft power.

An intake vessel reduces intake air pulsations and a high pressure air receiver is connected to the compressor discharge.

Intake and discharge air pressures are measured together with the air flow rate, motor drive speed and torque. Integral duplex thermocouples record all relevant system temperatures and are connected to a multi-way selector switch and digital temperature indicator.

An optional computerized data acquisition upgrade is available that allows all relevant system parameters to be automatically recorded on a PC.

The unit is supplied with a detailed experimental operating and maintenance manual giving example experimental results and sample calculations.

