

## VISUAL PRESENTER, Samsung UF-80

Visual presenters allow an object or document to be enlarged and displayed for the whole class to view. Images can be captured and stored for subsequent assessment etc. and used in the next lesson or even next year. By connecting to a PC images can also be saved as part of other documents for use in teaching notes or presentations. Features A4 capture area, USB connection for PC, 42x zoom facility, DVI output

**C54-2000** Visual Presenter

WE CAN ALSO FILL YOUR REQUIREMENTS FOR INTERACTIVE WHITEBOARDS, PLEASE ENQUIRE FOR A QUOTATION

## PUMPS

### AIR PUMPS

See also Aquarium section

#### AIR PUMP, VACUUM AND PRESSURE, HAND OPERATED

Hand operated pump with repairable PVC body, integral vacuum gauge and discharge valve. Can be operated with one hand and vacuum released by the touch of a finger. Adjustable vacuum release rate. Pumping rate 15ml per stroke, maximum vacuum 635mm Hg, maximum pressure 7psig (0.48 bar) at the exhaust port. Can be disassembled for repair or replacement of internal parts. Supplied complete with 600mm of 6mm i.d. clear plastic tubing.

**C54-3030** Air Pump, Vacuum and Pressure, Hand Operated

#### Spare Parts

**C54-3050** Repair Kit

#### AIR PUMP

Oil free diaphragm air pump providing a vacuum and pressure source ideal for laboratory use. Two models are available, **C54-3120** is ideal for light pressure applications and aspiration or gentle fume extraction whilst **C54-3140** is ideal for light filtration and water jet replacement. The quiet, rugged motor is housed in a tough, splashproof polycarbonate casing with illuminated on/off switch and an oversized inlet filter with push-fit cap for easy access and quick cleaning. For 220 - 240V a.c. single phase supplies.

#### Technical Data

	<b>C54-3120</b>	<b>C54-3140</b>
Max. flow rate, l/min:	5.0	14.0
Max. vacuum, mbar:	500	240
Max. pressure, bar:	0.8	2.0
Dimensions, mm:	210 x 125 x 151	210 x 125 x 151
Weight, kg:	1.9	2.3

**C54-3120** Air Pump, 5 litres/min

**C54-3140** Air Pump, 14 litres/min



C54-2000



C54-3030



C54-3120

## BOURDON GAUGE

For measuring pressure directly without having to work on its value from the readings of U-tubes or other devices. The gauge, mounted on a base, is calibrated from 0 to  $1.5 \times 10^5 \text{ N/m}^2$  absolute. The back of the gauge is made of transparent perspex so that the working of the instrument can be seen.

**P19-3460** Bourdon Gauge

## AIR PUMP

Exhausting and condensing outlets, hand type. The cylinder is 253mm long and 35mm diameter. The pump has a special valve system which enables a high degree of vacuum to be obtained or allows positive pressures of  $20,000 \text{ N/m}^2$  to be produced.

**P19-5000** Air Pump

## AIR PUMP WITH PLATE

The 180mm dia. meter pump plate is mounted on a pillar fitted with rifflid nozzle for connection to the pump, an on/off tap and a relief tap, supplied complete with an air pump with cylinder, 253mm long x 35mm diameter, all mounted on a base.

**P19-5020** Air Pump with Plate

## Accessories

**P19-5051** Bell Jar, knob top. 150mm inside flange diameter x 250mm height to shoulder.

**P19-5060** Silicone Vacuum Grease, tube, suitable for pressures down to  $10^{-5}$  torr.

## PUMP, VACUUM AND PRESSURE

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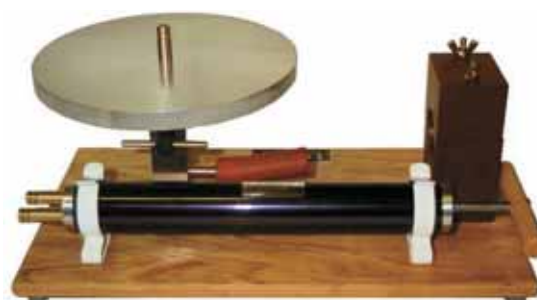
**P19-5082** Vacuum and Pressure Pump



P19-3460



P19-5000



P19-5020



P19-5082