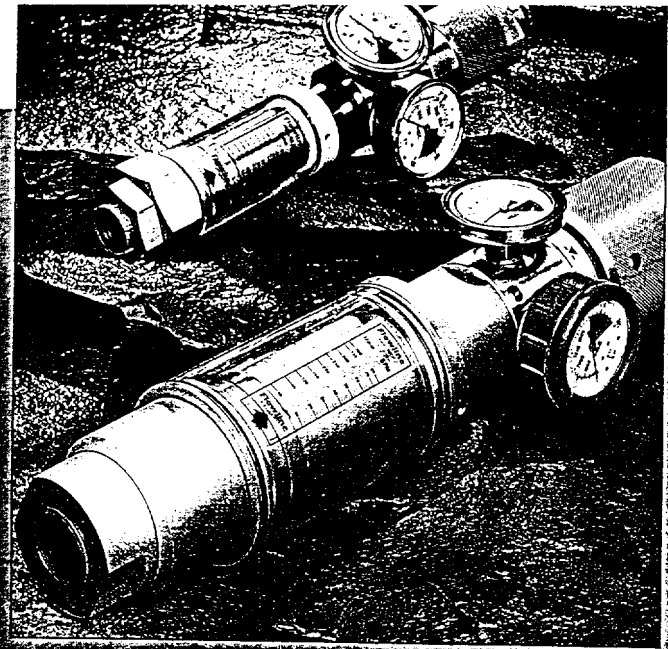


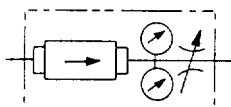
hydraulic test equipment

- ▶ Speedy diagnosis of hydraulic circuit faults
- ▶ Flows ranging from 2-360 l/min
- ▶ Measuring flow, pressure and temperature
- ▶ Portable – No power source required
- ▶ Hydrotrac unit for flows from 2-110 l/min available

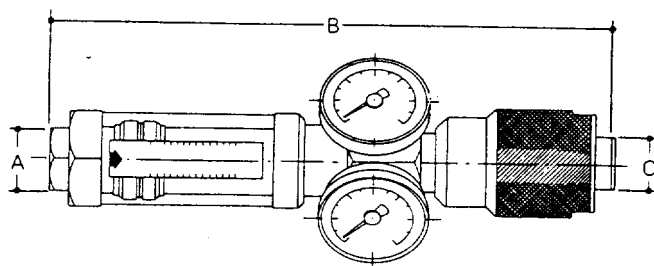


Technical Specifications

Flow Range: 2-360 l/min
Pressure Range: 0-350 bar
Temperature Range: 0-100°C
Safety



An axial flow restrictor valve is fitted which can be adjusted under full load from open to fully closed, and to complete the specification, a safety blow-out disc, set to operate at 455 bar is fitted to the manifold in a position facing away from the operator when reading the gauges normally. Two spare blow-out discs are supplied which are easily replaced by removing the hexagonal plug on the gauge manifold.



Troubleshooting Test Units

Hydraulic Test Units are designed specifically for the speedy diagnosis of hydraulic circuit faults in mobile, marine and industrial systems using the normal range of mineral oils. Their rugged construction based mainly on mild steel, manganese bronze and acrylic materials makes them ideally suited for arduous use in the field.

Each unit is supplied in a convenient carrying case providing full protection and additional storage space for fittings. Because they need no power source such as batteries etc, they are always ready for instant use.

6 models are available to cover flow capacities up to 360 l/min and each incorporates a direct reading, uni-directional flow meter. The meter, which is both self cleaning and reasonably tolerant of contaminated fluids is coupled to a manifold that houses a glycerine-filled pressure gauge calibrated 0-350 bar

and a dial-type thermometer with a 0-100°C range. An axial flow restrictor valve is fitted which can be adjusted under full load from open to fully closed, and to complete the specification a safety blow-out disc, set to operate at 455 bar is fitted to the manifold in a position facing away from the operator when reading the gauges normally. Two spare blow-out discs are supplied which are easily replaced by removing the hexagonal plug on the gauge manifold. For further convenience the scale on the flow meter can be rotated to ensure visibility in any situation and the installed attitude of the assembly is not critical, though whenever possible the unit should be mounted with pressure gauge vertical and gauge case relief valve uppermost. The unit is designed for flow to be in the direction of the arrow on the flowmeter scale and must not be installed with the flow reversed.

Ordering Information

Part Number	Flow range l/min	Pressure range bar	Temp °C	Weight kg (with case)	Dimensions (mm)		
					A	B	C
4120	5-55	0-350	0-100	7.40	46	350	35
4121	10-110	0-350	0-100	7.40	46	350	35
4123	2-110	0-350	0-100	11.8	46	350	35
4168	20-180	0-350	0-100	13.85	75	496	87
4169	30-270	0-350	0-100	13.85	75	496	87
4170	40-360	0-350	0-100	13.85	75	496	87