

TAYLOR PRESSURE CALIBRATORS

Models 44S369, 44S390, 44S468

INSTRUCTIONS

DESCRIPTION AND OPERATION

The Taylor Pressure Calibrators, 44S369, 44S390 & 44S468 consist of a dial gauge with a bulb and manually operated valve for use as an alternative to a manometer in calibration pressure instruments.

The dial of the 44S369 is marked for 0 to 160 inches of water (metric equivalent is 0-40 kPa) and is accurate to within 1.5% of the range.

The dial of the 44S390 is marked for 0-18 psig (metric equivalent 44S468 is 0-125 kPa) and is accurate to within 1% of the range.

USING THE CALIBRATOR

Hold the calibrator upright, as shown. Turn the air release valve clockwise as far as it will go. This closes the valve. Squeeze the bulb until the dial gauge indicates the required pressure. If the pressure is too high, open the valve slightly until the pressure drops to the required value. Return pointer to zero by opening the release valve.

MAINTENANCE

The pressure calibrators require little or no maintenance. When the valve is open, the gauge is accurate as long as the pointer rests within the oval on the dial. If it is not, return the calibrator to the factory for repair.

Excessive force used to close the valve will cause scoring and will result in leakage.

