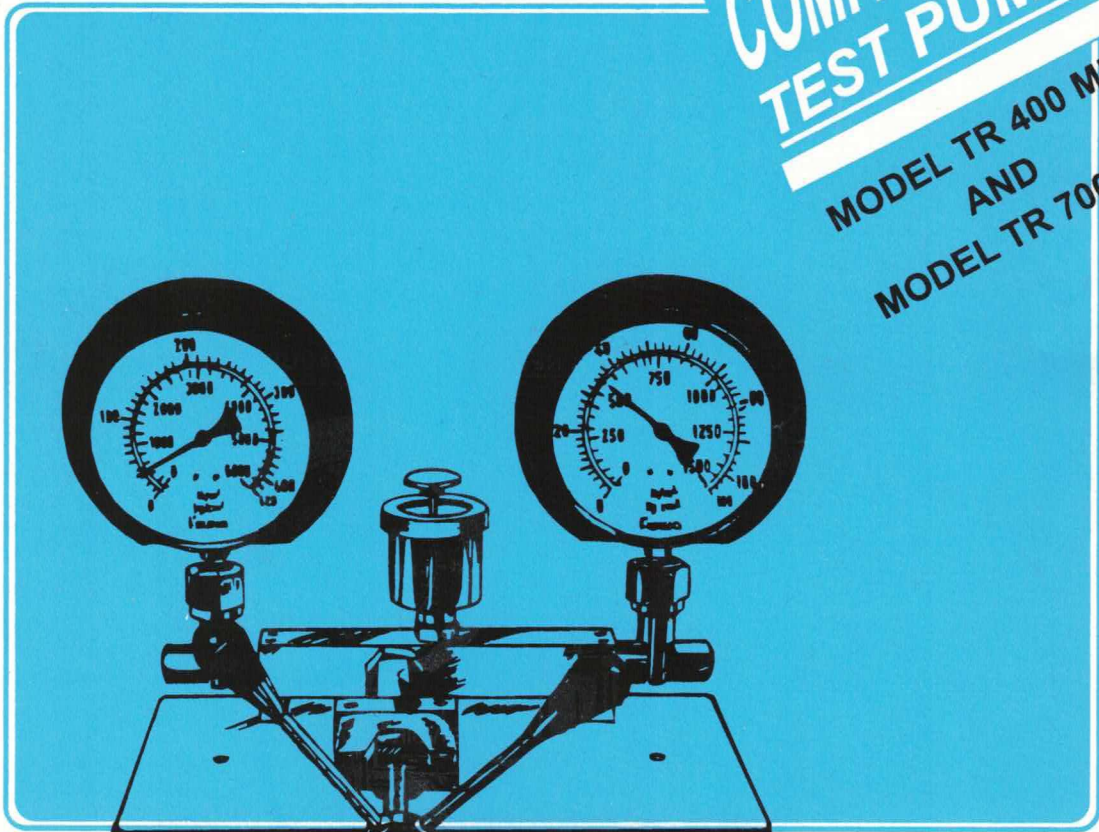


Parus

**COMPARISON
TEST PUMP**

**MODEL TR 400 MD
AND**

MODEL TR 700 MD



Bulletin 010107

Manufactured by :

SUPREME INDUSTRIES

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GENERAL

A Comparison test pump is a device by which pressure gauges are calibrated in comparison with master pressure gauge.

Both the gauges are subject to same pressure by developing pressure with the rotation of ram handle in clockwise direction.

TESTING PROCEDURE

Mount the master pressure gauge on left side adaptor and gauge under test on right side adaptor. Fill reservoir with kerosene. Unscrew the inlet screw of reservoir and take the ram out by rotating ram handle anticlockwise. This will fill the system with kerosene. But the air will be there in the system. Turn the ram handle clockwise. This will remove some air from the system. It can be visualised by bubbles appearing in the reservoir. Repeat the process until bubbles stop appearing in the reservoir.

Take the ram fully out and tighten the inlet screw. Now, when the ram handle is rotated clockwise, the pressure in the system starts developing and the gauges can be compared with each other.

The pressure gauges can be tilted to convenient angle by loosening bolt and rotating benjos as per requirement. After attaining desired angle, the bolt should be tightened. This arrangement is very useful in cases of pressure gauges with back pressure connection.

Adaptors having female threadings of 1/8", 1/4" & 1/2" can be ordered at extra cost.

SPECIFICATIONS

PARAMETERS	MODEL TR 400 MD	MODEL TR 700 MD
Working Range (Kg. / Cm ²)	0 - 400	100 - 700
Base Size	400 mm. x 225 mm.	
Approximate Weight (Without Pressure Gauges)	10 Kgs.	

♦ As efforts are made constantly to improve both designs & methods of manufacture, the apparatus supplied may differ in details from the illustration & data printed

