Regd. Office :
603, Krishna Kunj No. 3,
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NISHKA INSTRUMENTS

Manufacturer Of : Pressure Gauge, Temperature Gauge,
Level Instruments & Its Parts

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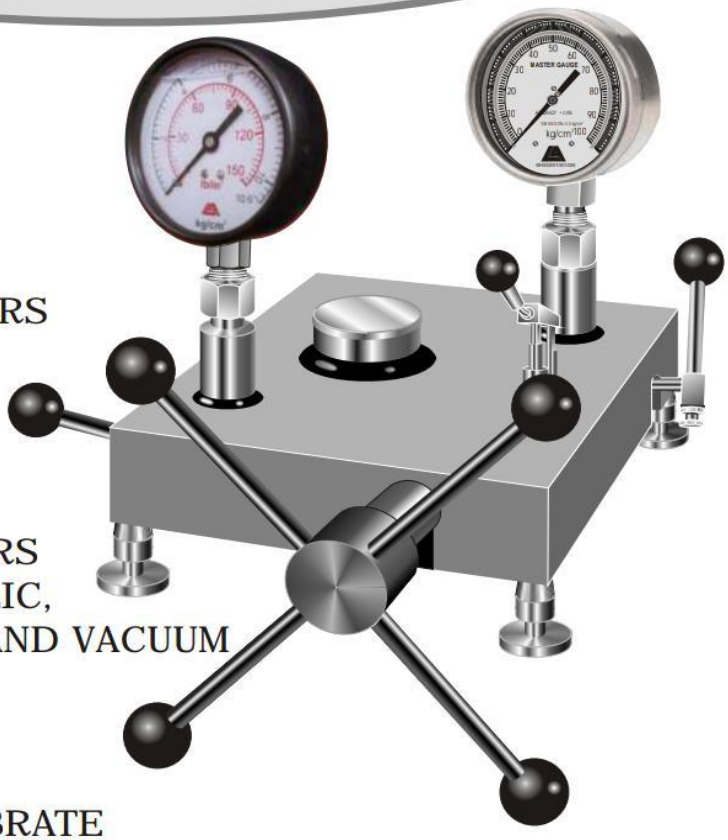
COMPARISON TEST PUMP



ALL STAINLESS STEEL CONSTRUCTION

DIFFERENT TYPE TESTERS TO CALIBRATE UP TO 2000 kg/cm2

DIFFERENT TYPE TESTERS TO CALIBRATE HYDRAULIC, PNEUMATIC PRESSURE AND VACUUM

IDEAL TESTER TO CALIBRATE FOR MASS PRODUCTION PRESSURE GAUGE MANUFACTURES

SPECIAL TYPE TESTERS TO CALIBRATE HIGH VOLUME BOURDON TUBE TYPE PRESSURE INSTRUMENTS

HEAVY DUTY COMPACT AND LOW WEIGHT PORTABLE TYPE CALIBRATOR FOR SITE CALIBRATION

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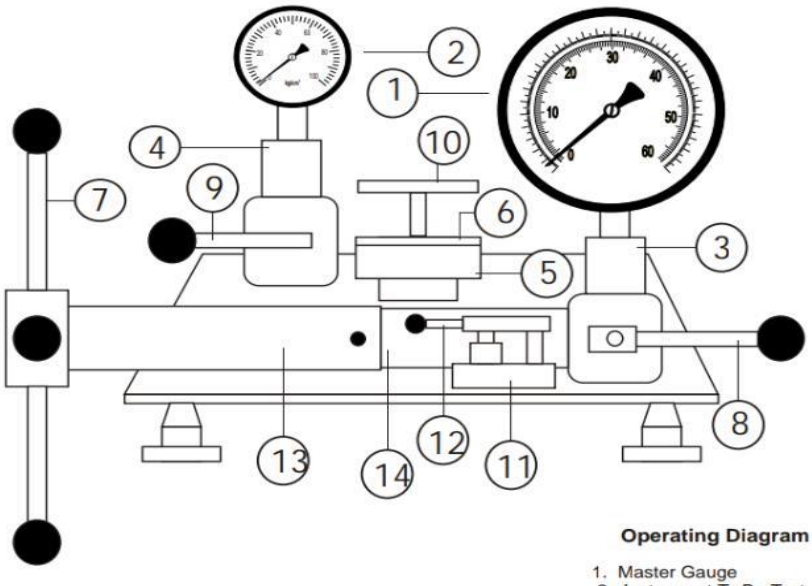

Operating Diagram

1. Master Gauge
2. Instrument To Be Test
3. Connecting Adapter For Master Gauge
4. Connecting Adapter For Instrument To Be Test
5. Oil Reservoir
6. Oil Reservoir Lid
7. Rotating Handle
8. Priming Pump Valve
9. Compression Valve
10. Oil Reservoir Valve
11. Priming Pump
12. Priming Pump Handle
13. Feeding Mechanism

MODEL	RANGE	kg/cm²
CT-001	0..to 400	kg/cm²
CT-002	0..to 700	kg/cm²
CT-003	0..to 1000	kg/cm²
CT-004	0..to 2000	kg/cm²
CT-005	0..to 200	kg/cm²
CT-006	0..to 700	kg/cm²
CT-007	0..to 30	kg/cm²
CT-008	0..to 30	kg/cm²

*CT-005 and CT-006 are Portable types.

How To Operate Ct- 1, Ct- 2, Ct- 5, And Ct- 6 Comparison Testers

Fix the tester on a proper place.
Mount the Master Gauge and Instrument to be tested, diagram Number **3** and **4,** accordingly with adapters given along with the tester.
Open the reservoir lid, diagram number **6,** and reservoir valve, diagram number **10,** and fill with oil graded **SAE- 40** or equivalent in reservoir, diagram Number **5.**
Rotate the rotating handle, diagram Number **7,** clock wise and anticlockwise till the air bubble disappears from oil reservoir.
Rotate the rotating handle till anticlockwise position ends and close the oil reservoir valve. Now the tester is ready for calibration.
After calibration of every instrument the operating handle should be in anticlockwise position.
Open the oil reservoir valve and remove the calibrated instrument.

How To Operate Ct- 3 And Ct- 4 Comparison Testers

Fix the tester on proper place.
Mount the master Gauge and instrument to be tested on master gauge assembly, diagram Number **3,** and Instrument to be tested assembly, diagram number **4,** respectively with adapters given along with the tester.
Open the reservoir lid, diagram number **6,** and fill **SAE- 40** or equivalent oil in reservoir, diagram number **5.**
Open the priming pump valve, diagram number **8,** and compression valve, diagram number **9.**
Rotate the rotating handle, diagram number **7,** anticlockwise till the rotation ends.
Pump with priming pump handle, diagram number **12,** till the air bubbles disappears from the reservoir.
Close the compression valve and pump with priming pump handle till the master gauge's needle shifts from "**0**" mark.
Close priming pump valve and tester is ready for calibration.
After calibration of every instrument the operating handle should be in anticlockwise position.
Open the compression valve and remove the calibrated instrument.

How To Replace Piston 'o' Rings

Disconnect the master gauge, tested instrument and priming pump handle, diagram number **12.**
Remove the outer cover of tester and priming pump handle.
Keep the rotating handle end in the anticlockwise position.
Unscrew the feeding mechanism, diagram number **13,** from the cylinder, diagram number **14,** with the help of feeding mechanism opening tool given with tool box.
Pull out piston from the cylinder and replace the damaged '**O**' rings from the piston.