

LEVEL CALIBRATION SYSTEM

LCS

For Calibration of Multi-type Level Devices including :
Capacitance, Guided Wave Radar, Ultrasonic, Magnetic,
Float etc. (External Chamber Types)

Ranges / Spans : 1000 / 2000 / 3000 / 4000 mm

Zero Offset facility for Short Span UUTs

Calibration Accuracy : $\pm 0.05\%$ F.S. or better (Min. 1 mm)

Media : Water

Single Chamber (approx. 400 mm Dia) accommodates
Reference Standard (Probe) (Precise Magnetostrictive
Probe) & upto 2 UUTs (Units Under Test)

Simple PID Control : Console, Integral with Chamber
Assembly

4 Channel Alphanumeric Display - for UUTs with Analog
(4-20 mA) output.

Feed Pump, Control Valves - Integral with Chamber
Assembly.

Chamber Material : "Stainless Steel"/Transparent Perspex
can also be offered.

Chamber top provides "Universal" Slotted Flanges (2) to
accept/mount 2 UUTs.

Reservoir provided separately, to be connected to Feed
Pump/Drain Line thro' Flexible Hose.

Chamber Assembly, Mounted on "Wheels", enhancing
"Mobility", enabling moving to "Site" locations & locking.

Tests possible to be conducted : Linearity, Hysteresis,
Dead Band, Repeatability, Sensitivity & Functional Tests.

Costs only around 30% of our Heavy Duty Level Test Rig
(LTR Series) (PTO)

Customized Designs for OEMs.

A simple, yet **cost effective**,
innovative concept for
Calibration (& Testing) of a
Variety of (Liquid) Level Devices



for more details
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