

PROVING RINGS - COMPRESSION TYPE.

Used as a load measurement device and also as outfits with some of the civil engineering testing equipments like Direct Shear Test Apparatus, Triaxial Shear Test Apparatus, C.B.R. Test Apparatus, Unconfined C.B.R. Test Apparatus, Marshall Stability Test Apparatus etc.

These Proving Rings are made from the special steel, carefully forged to give maximum strength and machined to give highest sensitivity combined with stability to ensure long life and accuracy.

When compressive load is applied within the elastic range, the Proving Rings get temporarily deformed. This deformation is measured by a sensitive Dial Gauge, fixed co-axially at the center of the proving ring.

The Dial Gauge readings thus obtained versus load applied enable the operator to find out unknown load, just by noting the Dial gauge reading for the unknown load.

The proving rings have high elasticity and on removing load they regain their original shape provided they are loaded in their elasticity limits.

Each ring is calibrated and supplied with works calibration chart and a carrying case.



ORDER CODE	CAPACITY		
	Kgf	Tone	kN
AIC-PRC-200KG.	200	0.20	2.0
AIC-PRC-250KG.	250	0.25	2.5
AIC-PRC-500KG.	500	0.50	5.0
AIC-PRC-10kN	1000	1.00	10.0
AIC-PRC-25kN	2500	2.50	25.0
AIC-PRC-30kN	3000	3.00	30.0
AIC-PRC-50kN	5000	5.00	50.0
AIC-PRC-100kN	10000	10.00	100.00
AIC-PRC-200kN	20000	20.00	200.00
AIC-PRC-300kN	30000	30.00	300.00
AIC-PRC-500kN	50000	50.00	500.00
AIC-PRC-1000kN	100000	100.00	1000.00
AIC-PRC-2000kN	200000	200.00	2000.00
AIC-PRC-3000Kn	300000	300.00	3000.00

NOTE : All Proving Rings can be Supplied with NCCBM or NPL Calibration Certificate.