

LOAD MEASURING DEVICES

LOAD PROVING RINGS

The proving rings are used as calibration instruments (dynamometers) and load measuring devices for laboratory testing machines. Made of special steel subjected to heat-treatment to improve the elastic properties.

A dial gauge (**RAMBOLD original**) is positioned within the proving ring to read its deformation which is expressed in **0.001 mm**.

Each **BA model** proving ring (with relevant dial gauge) is calibrated by an **Accredited Laboratory** which issues a **CALIBRATION CERTIFICATE**. The **BB model** proving rings are calibrated in Tecnotest's laboratory and are supplied with in-house certificate.

RANGE OF TECNOTEST LOADING RINGS

MODELS		NEWTON	KG
BA 001	BB 001	1000	100
BA 002	BB 002	2000	200
BA 003	BB 003	3000	300
BA 005	BB 005	5000	500
BA 006	BB 006	6000	600
BA 010	BB 010	10000	1000
BA 020	BB 020	20000	2000
BA 030	BB 030	30000	3000
BA 040	BB 040	40000	4000
BA 050	BB 050	50000	5000

EXTENSOMETRIC LOAD CELLS

Extensometric, type - high precision - stainless steel made, high resistance, cylindrical shape. Thermic compensation.

Linearity - hysteresis	≤ ± 0.03 % F.S.
Repeatability	(%) ≤ ± 0.01 F.S.
Nominal sensitivity	(mV/V) 2
Recommended supply voltage	(V) 10
Protection class (EN 60529)	IP67

RANGE OF TECNOTEST LOAD CELLS

MODEL	NEWTON CAPACITY	KG CAPACITY
AP 032/003	3500	350
AP 032/005	5000	500
AP 032/010	10000	1000
AP 032/025	25000	2500
AP 032/050	50000	5000
AP 032/075	75000	7500
AP 032/100	100000	10000

FLOW MEASURING DEVICES

ANALOG

T 628/E DIAL GAUGE, 30 MM TRAVEL - 0.01 DIVISIONS

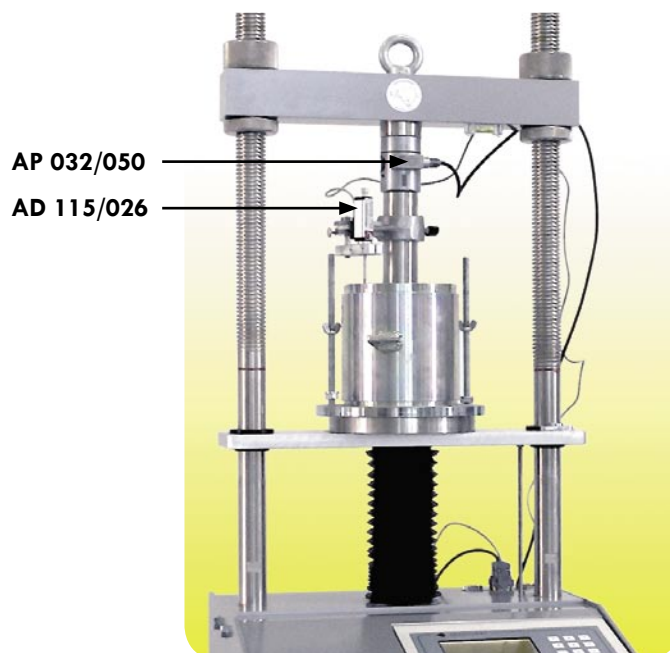
T 630 BRACKET FOR DIAL GAUGE/TRANSDUCER WITH MICROMETRIC SCREW FOR ZERO SETTING

ELECTRIC

AD 115/026 POTENTIOMETRIC TRANSDUCER 25 mm travel, 0.01 sensitivity

T 630 BRACKET FOR DIAL GAUGE/TRANSDUCER WITH MICROMETRIC SCREW FOR ZERO SETTING

T 630/2 EXTENSION TO T 630 FOR TRANSDUCER



N.B.

On purchasing our load cells or transducers, together with readout units, initial calibration of system is performed free of charge in Tecnotest's Metrological laboratory.