

ניסוי מתיחה וקושי

LOAD CELL

CALIBRATION SHEET

TENSION

MODEL LU-10 TB

CAPACITY: 10 T

INPUT & OUTPUT RESISTANCE : INPUT:350.3 OHM

OUTPUT :350.9 OHM

SENSITIVITY : F.S. 1.509 mV/V

NON-LINEARITY 0.11 % F.S

HYSTERESIS 0.18 % F.S

THERMAL ZERO SHIFT 0.01 % F.S

THERMAL EFFECT ON SENSITIVITY 0.01 % F.S

CALIBRATION CONSTANT 6.627 t /1.0mV/V

MAX. ALLOWABLE BRIDGE VOLTAGE 15 V. AC.DC

# Extensometer



**INSTRON**

INSTRON LIMITED

Coronation Road, High Wycombe, Bucks HP12 3SY

## CALIBRATION CERTIFICATE

Catalogue Number: 2630-112  
Type: *STATIC EXTENSOMETER*  
Serial Number: 159

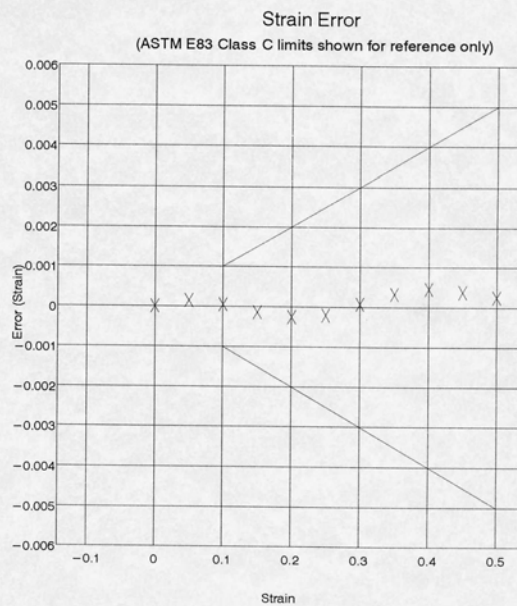
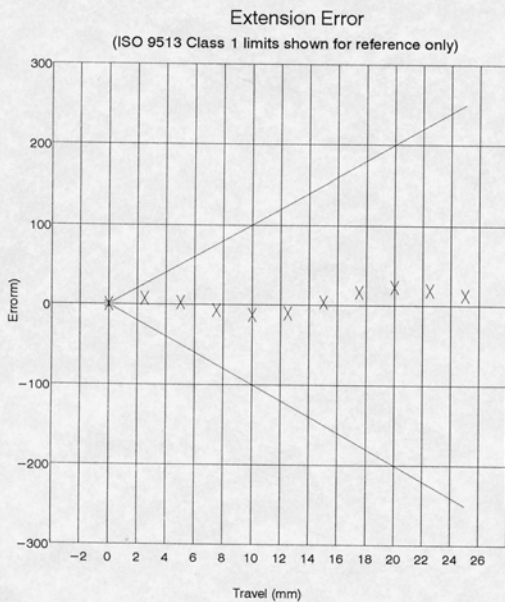
Gauge Length: 50mm  
Travel: +25mm/-2.5mm  
Calibration Point: 100% of Full Scale

### Calibration Apparatus

For Travel Measurement: *Heidenhain MT60K S.Nr. 4232843*  
For Gauge Length Measurement: *Extensometer test rig (50mm travel version) [P31363]*  
Readout Device: *HBM DK 38 [P11963 (F.Nr. 532)]*

### Test Results

Gauge Length Error: 0.1 % of G.L.  
Temperature: 23 °C



### Notes:

1. Instron certifies that its calibration apparatus is traceable to National Standards with uncertainty of measurement not exceeding one third of the permissible error of the extensometer.
2. Calibration certificate shows the results achieved using the above calibration apparatus. ISO 9513 and ASTM E83 performance limits are shown as an indication of the classification attainable on a suitable system.

Tested By: **18 MV**

Date: 22/8/96