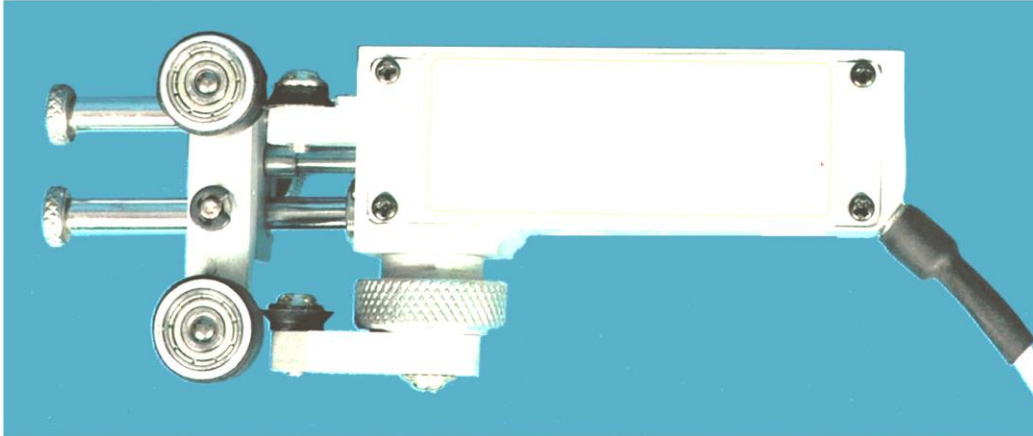




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ELECTRONIC EXTENSOMETER

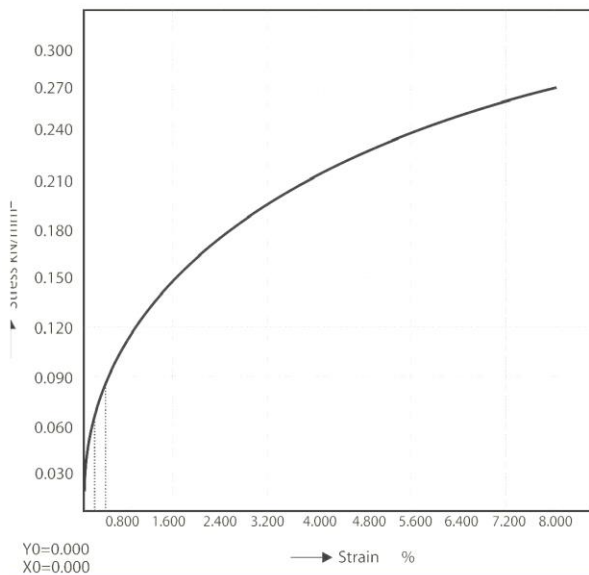


ELECTRONIC EXTENSOMETER

SPECIFICATIONS

- A) GAUGE LENGTH 25 mm to 50 mm
- B) MAXIMUM EXTENSION 2 mm
- C) RESOLUTION 1 MICRON
- D) SPECIMEN DIA 0.5 TO 35mm
- E) SPECIMEN THICKNESS UP TO 30 mm
- F) SPECIMEN WIDTH UP TO 30 mm

GRAPH



DESCRIPTION

SERIAL PORT (RS-232) COMMUNICATION IS AVAILABLE WITH WINDOWS BASED OPERATING SOFTWARE

- 1) WIDE RANGE OF DATA ENTRY FOR EASY TEST SET UP.
- 2) UNIT INTERCHANGEABILITY FOR INPUT & RESULTS AS PER STANDARD.
- 3) EXTENSIVE GRAPHICS, CURVE / TRACING,
- 4) RESULTS PRINTING FORMATS
- 5) OUT PUT PARAMETERS INCLUDE U. T. S. YOUNG'S MODULUS, % ELONGATION, YIELD STRESS, PROFF STRESS SELECTABLE FROM 0.1 % TO 1% (WHEN EXTENSOMETER IS USED)
- 6) ONLINE GRAPH FACILITY
- 7) TIME GRAPHS ALSO AVAILABLE.
- 8) BATCH TESTING FACILITY
- 9) PROOF STRESS LINES CAN BE SEEN ON MONITOR.
- 10) REDUCTION IN AREA.

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Capacity
(mm) : 25, 50, 100, 250, 500
(mm) : 2.5, 5, 10, 25

Specification

Accuracy	0.5 / 1	Output Resistance	350 Ω
Sensitivity	1.5 ~ 2m V / V	Insulation Resistance	>200M Ω
Non - Linearity	≤ 0.1 % FS	Reference Excitation voltage	10 V(DC)
Repeatability	≤ 0.1 % FS	Nominal Range of excitation voltage	6 ~ 12 V(DC)
Input Resistance	350 Ω	Service Temperature Range	-30 ~ 70 $^{\circ}$ C

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