Fluxmeter CYHT700SP

The Fluxmeter CYHT700SP is an electronic integrating, digital display instrument with high sensitivity and small drift. The Fluxmeter can be used not only for the measurement of the magnetic flux of permanent magnets, but also for quality control and sorting of magnetic products. Its versatility makes the employment possible in laboratory enterprise as also in production.

This Fluxmeter has the functions such as maximum value hold and automatic pole indication and 4 measuring ranges. It can be used also for measurement of impulse magnetic field.

Technical Data

- **Measuring range:** 2, 20, 200, 2000 mwb (0~1.999mwb, 0~19.99mwb, 0~199.9mwb, 0~1999mwb)
- **Accuracy:** ±1.0%
- **Resolution:** 1µwb, 10µwb, 100µwb, 1mwb
- **Instability/drift:** ±5 Digits/10s, ±10 Digits/min
- **Input resistance:** 10kΩ, 100kΩ, 1MΩ, 10MΩ
- **Display:** 3 ½ LED, automatic polarity display
- **Output signal:** 0-2V DC analogue
- **Functions:** Maximum value hold, automatic polarity indication
  - **Sorting:** setup maximum and minimum limits
    - Red LED: higher than maximum limit
    - Yellow LED: lower than minimum limit
    - Green LED: within the tolerance (PASS)
- **Ambient temperature:** 5°C ~ 40°C
- **Storage temperature:** -25°C ~ +55°C
- **Warm-up time:** 30min
- **Relative humidity:** 20% ~ 80%
- **Power supply:** AC 220V, 50Hz
- **Dimensions:** 280mm x 240mm x 95mm
- **Weight:** 2.0kg

Accessories:

- **Special coil for segment magnets**
- **Helmholtz coil**

Dimension: Ø100 x 85mm (Standard)
Structure: Ø100 x 50mm
Outer diameter of measuring object should be smaller than Ø40mm

Custom made coil (additional purchase order)