Fluxmeter CYHT707

The Fluxmeter CYHT707 is a microprocessor controlled, electronic integrating and digital displaying instrument with high sensitivity and low drift. The Fluxmeter can be used not only for the measurement of the magnetic flux Ø, magnetic field intensity B and Magnetization M 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/measurement and automatic pole indication and 4 measuring ranges. It can be used also for measurement of impulse magnetic field.

Technical Data

Measuring range: 0~1mwb, 0~10mwb, 0~100mwb, 0~1000mwb
Accuracy: ±1.0%
Resolution: 0.1µwb, 1µwb, 10µwb, 100µwb
Instability/drift: 0.1µwb/30s
Input resistance: 1kΩ, 10kΩ, 100kΩ, 1MΩ
Display: 5 digits, Character Backlit Display
Measurants: Ø Magnetic Flux: mWb
B Magnetic Field Intensity: mT and Gs (applicable to determination of residual magnetic flux density by using single coil)
M magnetization: KA/m, mT and Gs (applicable to the determination of residual magnetic flux density by Helmholtz coil)

Functions:

Maximum value hold/Measurement, 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: >15min
Relative humidity: 20% ~ 80%
Power supply: AC 220V~230V, 50Hz
Dimensions: 300mm x 470mm x 150mm (LxWxH)
Weight: 2.6kg

Accessories:

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

Connection with Helmholtz coil

Dimension:
Ø100 x 85mm (Standard)
Structure:
Ø100 x 50mm

Outer diameter of measuring object should be smaller than Ø40mm