

Catalogue

Fluxmeters

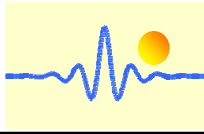
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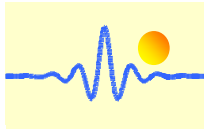
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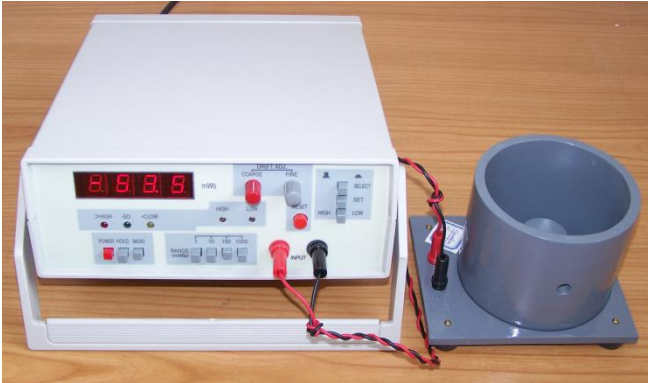


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Fluxmeter CYHT700SP



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:



Helmholtz coil

Dimension:
Ø100 x 85mm
(Standard)

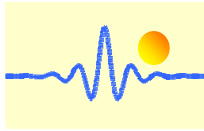
Structure:
Ø100 x 50mm

Outer diameter
of measuring
object should
be smaller
than Ø40mm

Special coil for segment magnets



Custom made coil (additional purchase order)



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 Φ , 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: $\pm 1.0\%$

Resolution: 0.1 μ wb, 1 μ Wb, 10 μ wb, 100 μ wb

Instability/drift: 0.1 μ Wb/30s

Input resistance: 1k Ω , 10k Ω , 100k Ω , 1M Ω

Display: 5 digits, Character Backlit Display

Measurants: Φ 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:



Helmholtz coil

Dimension:

Ø100 x 85mm

(Standard)

Structure:

Ø100 x 50mm

Outer diameter of measuring object should be smaller than Ø40mm

Connection with Helmholtz coil

