

MATS-2010M

Soft Magnetic Material Dynamic Hysteresisgraph System

Model MATS-2010M



Automatic measurement on dynamic hysteresis loop of soft magnetic (silicon steel) material under 50Hz, 60Hz, 400Hz and 1kHz, accurate measurement on dynamic magnetic characteristic parameters such as amplitude permeability μ_a , loss angle δ , total losses P_s , remanence B_r and coercive force H_c .

Windows measurement software applied simply. The product conforms to China National Standards GB / T3655 - 92, GB / T13789 - 92 and international standard IEC60404 - 6.

Analog source (bridge), frequency meter, ammeter, voltmeter and wattmeter are replaced through computer control and A/D sampling, entire testing process automatically completed.

General Features

Software Features

Software Screen

Technical Data

Standard Package

Basic Configuration

Serial No.	Product Name	Model	Quantity
1	Test Power Supply	TPS-500M	1
2	Data Acquisition Card	PC6111	1
3	Measurement Software	SMTtest	1
4	Computer	Dell Dimension 2400n	1
5	Printer	HP1020 laser printer	1
6	Epstein Trames	25 cm	1
7	Trames Standard Specimen	About 1kg	1

Options

Serial No.	Options Name	Functional Description	Remark
1	500mm×500mm SST	Applies to measure half sheet of stalloy	
2	1000mm×1000mm SST	Applies to measure whole sheet of stalloy	
3	Nonstandard Permeameter	Applies to measure stalloy with special size	As required by users