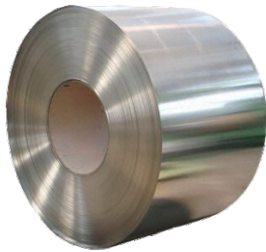
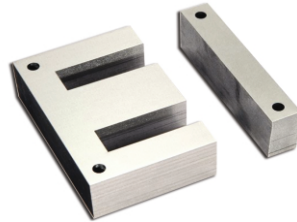




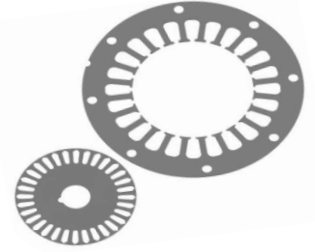
### Applications



**Electrical Steel**



**Transformer Lamination**



**Motor & Pump Stampings**

## AUTOMATIC DIGITAL IRON LOSS TESTER VDW-2065A (ISO 9001 Compliance)

### KEY FEATURES

- Direct Measurement of Watt/Kg
- Testing for 0.2, 0.23, 0.2, 0.30, 0.35, 0.5, 0.65mm Thickness
- Testing for 1.0 to 1.8 Tesla Induction
- Testing up to 19.00 Watt/Kg
- Immediate Testing of Test Specimen
- Inbuilt Thermal Printer (Optional)
- 20 x 4 LCD Display
- User friendly Operation
- Portable in Size
- Table top Model & Easy Handling
- ISO Compliance
- 100 Test Data Storage Facility (Optional)

### APPLICATION

- Transformer Lamination & Motor Stamping Manufacturer, Traders, Suppliers, Users etc.
- Educational Institute for Electrical / Metallurgy Department, Electrical Laboratories etc.
- Transformer, Motor, Pump, UPS, Inverter, Battery Charger, Choke Manufacturers.

## INTRODUCTION

VEER make Digital Iron Loss Tester VDW-2065A is portable & easy to use Instrument which is very useful to find Watt loss of Electrical Steel immediately. Internationally accepted standard method of testing is Epstein Frame method which needs 30mm x 305mm size & min. 250g material for testing. Stamping And Laminations can not be tested on Epstein Frame because of size. So, we have designed a direct reading type Single Sheet Tester Called Digital Iron Loss Tester VDW-2065A. It Provides very fast testing of final products like Stamping, EI & other laminations etc.

## THEORY OF OPERATION

The Probe is provided with two coils. One coil is for excitation & second one is for detection of Magnetic Flux. When we put Probe on test Specimen, it completes magnetic path. Watt meter measures iron loss of specimen & you can see Iron Loss (Watt/kg or Watt/lb) Immediately on LCD Display on front panel.

## SPECIFICATIONS

Measuring Range	0.2 to 19 watt / kg (Watt / lb available on request)
Test specimen Thickness	0.2, 0.23, 0.27, 0.30, 0.35, 0.5, 0.65mm
Flux Density	1.0 to 1.8 Tesla
Accuracy	±5% Reading ± 0.3% Range (For AVG. of 6 Reading) @ 1.5T for Standard Sample
Material to be Test	CRGO, CRNO, CRCA etc.
Operating Temperature	5°C To 50°C
Operating Humidity	20% to 80% RH (no condensation)
Storage Temperature	0°C To 55°C
Power Supply	AC 230V ± 10% @ 50 Hz Or AC 110V ± 10% @ 60 Hz (on request)
Power Consumption	Less than 20 VA approx.
Size of Specimen (Min.)	25mm x 70mm min. (Probe core size 20mm x 63mm approx.)
Size of Instrument (WxDxH)	290 mm X 258 mm X 130 mm approx.
Weight of Instrument	3.6 kg approx with Printer & 2.9 kg approx without Printer
Warranty	12 Months for Manufacturing Defects only at Ex Works, No Warranty of any Accessories

NOTE:- 1. Above all Specifications are subject to change without prior notice. 2. Accuracy depends on types of specimen & method of testing.  
3. Non standard method of testing, Epstein Tester is suitable for accurate measurement.

## ACCESSORIES



## FEW OTHER PRODUCTS AT A GLANCE



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