

## Winding Resistance Measurement

- Test currents: 5 mA – 40 A DC
- Output voltage: up to 55 V DC
- Measurement range: 0,1  $\mu\Omega$  – 10 k $\Omega$
- Typical accuracy:  
 $\pm(0,1\% \text{ rdg} + 0,1\% \text{ F.S.})$  for 0,1  $\mu\Omega$ -1,999 k $\Omega$  range  
 $\pm(0,2\% \text{ rdg} + 0,1\% \text{ F.S.})$  for 2 k $\Omega$  – 10 k $\Omega$  range

## Resolution

- 0,1  $\mu\Omega$  – 999,9  $\mu\Omega$ : 0,1  $\mu\Omega$
- 1,000 m $\Omega$  – 9,999 m $\Omega$ : 1  $\mu\Omega$
- 10,00 m $\Omega$  – 99,99 m $\Omega$ : 10  $\mu\Omega$
- 100,0 m $\Omega$  – 999,9 m $\Omega$ : 0,1 m $\Omega$
- 1,000  $\Omega$  – 9,999  $\Omega$ : 1 m $\Omega$
- 10,00  $\Omega$  - 99,99  $\Omega$ : 10 m $\Omega$
- 100,0  $\Omega$  – 999,9  $\Omega$ : 0,1  $\Omega$
- 1,000 k $\Omega$  – 9,999 k $\Omega$ : 1  $\Omega$

## Data Storage

- 1 000 internal memory positions
- USB flash drive feature enables storage of a huge number of measurements

## Printer (optional)

- Thermal printer
- Graphic and numeric printout
- Paper width 80 mm

## OLTC Dynamic Resistance Measurement

- Sampling rate: 0,1 ms
- Automatic open circuit detection and warning
- Transition current ripple measurement
- Transition time measurement using DV-Win software
- Timing measurement of different transition changes using DV-Win graph analysis tool

## AC Current Measurement Channel

- Resolution: 0,1 ms
- Amplitude resolution: 16 bit

## Current Clamp Meter Specifications

- Measuring range: 30 / 300 A
- Nominal current: 300 A<sub>RMS</sub> or 450 A DC<sub>PK</sub>
- Frequency range: DC to 20 kHz (-3 dB)

## Computer Interface

- USB
- Optional: RS232

## Warranty

- Three years

## Environmental Conditions

- Operating temperature:  
-10 °C - + 55 °C / 14 F - +131 F
- Storage & transportation:  
-40 °C - + 70°C / - 40 F - +158 F
- Humidity 5 % - 95 % relative humidity, non condensing

## Dimensions and Weights

- Thermal printer and Tap changer control unit not included:
  - Dimensions (W x H x D)  
405 mm x 170 mm x 335 mm  
16 in x 6.7 in x 13.2 in
  - Weight  
13,0 kg / 28.7 lbs
- Thermal printer and / or Tap changer control unit included:
  - Dimensions (W x H x D)  
480 mm x 197 mm x 395 mm  
18.9 in x 7.75 in x 15.6 in
  - Weight  
13,5 kg / 29.8 lbs