

# HARE SERIES CONTACT RESISTANCE TESTERS





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### HARE SERIES Digital Micro-ohmmeter

HARE Series is a micro-ohmmeter manufactured using advanced engineering technologies that can apply up to 100A/ 200A/ 300A test current.

With its easy-to-use software, HARE Series can easily measure the contact resistance of circuit breaker, shunt and disconnector by applying adjustable test current up to 100A/ 200A/ 300A depending on the model.

HARE Series can measure from 0.1  $\mu\Omega$  to 5  $\Omega$  and can measure the static resistance of the circuit breaker's contact points.

HARE Series can also measure idle circuit breakers. The 4.3-inch colour touch screen displays all measurement results on a single screen.

The HARE Series guides operators to perform tests quickly with a user-friendly interface. HARE Series' flash memory feature allows storing around 1000 records. Users can copy test records by using a USB drive. HARE Series is a compact, rugged device with an IP67 protection class (case closed) that weighs only 3 kg.

#### FEATURES

- Portable Contact Resistance Tester
- 0.4A to 100A Adjustable test current (HARE-100)
- 0.4A to 200A Adjustable test current (HARE-200)
- 0.4A to 300A Adjustable test current (HARE-300)
- Up to 5  $\Omega$  resistance measurement
- 0.1  $\mu\Omega$  resolution
- Automatic discharge
- High EM interferences protection
- Battery-powered
- Ultra-fast measurement
- Light-weight
- 4.3" Resistive touch colour display (visible under sunlight)
- User-friendly operation menu
- Internal memory
- USB Flash Drive
- IP67 Protection case

#### ORDERING INFORMATION

HARE-100	100A Contact Resistance Tester with rechargeable battery
HARE-200	200A Contact Resistance Tester with rechargeable battery
HARE-300	300A Contact Resistance Tester with rechargeable battery



## Technical Specifications

<b>Measurement Parameter</b>	Contact Resistance				
<b>Measurement Modes</b>	Static Resistance Measurement				
<b>Adjustable Test Current</b>	0.4A to 100A (HARE-100) 0.4A to 200A (HARE-200) 0.4A to 300A (HARE-300)				
<b>Measurement Range</b>	0.1 $\mu\Omega$ to 5 $\Omega$				
<b>Accuracy &amp; Resolution</b>	<b>Nominal Resistance</b>	<b>Full Range Display</b>	<b>Resolution</b>	<b>Recommended Test Current</b>	<b>Typical Accuracy</b>
	1 m $\Omega$	999.9 $\mu\Omega$	0.1 $\mu\Omega$	50 – 300 A	$\pm 0.1\%$ rdg $\pm 0.1\%$ Fs
	10 m $\Omega$	9.999 m $\Omega$	1 $\mu\Omega$	10 – 300 A	$\pm 0.1\%$ rdg $\pm 0.1\%$ Fs
	100 m $\Omega$	99.99 m $\Omega$	10 $\mu\Omega$	5 – 30 A	$\pm 0.1\%$ rdg $\pm 0.1\%$ Fs
	1 $\Omega$	999.9 m $\Omega$	0.1 m $\Omega$	1 – 3 A	$\pm 0.1\%$ rdg $\pm 0.1\%$ Fs
5 $\Omega$	4999 m $\Omega$	1 $\Omega$	0.4A	$\pm 1\%$ rdg $\pm 1\%$ Fs	
<b>Power Supply to charge the battery</b>	100-240 V 47/63 Hz				
<b>Memory</b>	Up to 1000 records				
<b>Test Plan</b>	Up to 6 plans				
<b>PC Software</b>	DMP Software (Reporting only)				
<b>Display</b>	4.3-inch TFT touch display				
<b>Dimensions</b>	12.5" x 10.1" x 6.0" (318 mm x 257 mm x 152 mm )				
<b>Weight</b>	3 kg				
<b>Working Temperature</b>	-10 $^{\circ}\text{C}$ to + 60 $^{\circ}\text{C}$				
<b>Storage Temperature</b>	-30 $^{\circ}\text{C}$ to + 70 $^{\circ}\text{C}$				
<b>Humidity</b>	95% RH non condensing				
<b>Protection Class</b>	IP67 (case closed)				
<b>Set of Package</b>	HARE device, Rechargeable Battery, Power Cord, 1.5m Measurement Cable Set, USB				

Specifications are valid at/under 25  $^{\circ}\text{C}$  temperature. \*Contents subject to change without notice.  
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HighTest Technology Ltd. is a leading manufacturing company based in the UK which produces highly precise test equipment. We mainly focus on the development, manufacture, and marketing of Transformer test systems.

We have several years of experience in the field of developing and producing high-end test equipment. Customer satisfaction is our prime motto. We supply our test equipment worldwide to Transformer manufacturers, Electrical utilities, general contractors and service companies. Our test equipment is designed and produced according to the most widely adopted international standards. As we value our customers the most, our well-experienced team always provide excellent after-sales support and technical assistance.



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