

# YP-30H PORTABLE, High Voltage Cable & Harness Tester (up to 1500 V)



YPU's robust and field-proven Portable Tester has identical performance characteristics to the YP-30H.

The YP-30H PORTABLE has been especially developed to meet the needs of field testing for cables and harnesses that cannot be transferred to a workshop.

Air force fleets and aircraft industries, are using this system to test cables and harnesses near and inside aircrafts. Complicated cables and harnesses can be tested in seconds on site, saving expensive disassembling.

## Features & Benefits

- Test of continuity resistance, insulation resistance and leakage current
- Functional testing option
- Performs self-learning
- All YP-30H stationary capabilities

## Testing parameters

- |                            |  |
|----------------------------|--|
| <b>Continuity Res.</b>     | <ul style="list-style-type: none"> <li>■ Current -10mA, 100mA, 500mA (1A opt) <math>\pm 10\%</math></li> <li>■ Resistance - (2W) - <math>0.2\Omega</math> to <math>100K\Omega \pm 5\% \pm 0.2\Omega</math></li> <li>■ Resistance - (4W) - <math>0.5 m\Omega</math> to <math>100K\Omega \pm 5\% \pm 0.2m\Omega</math></li> </ul>  |
| <b>Insulation Res.</b>     | <ul style="list-style-type: none"> <li>■ Voltage -100 to 1500Vdc (50 Volt steps) <math>\pm 5\% \pm 5V</math></li> <li>■ Resistance - Up to <math>1G \Omega \pm 5\%</math></li> <li>■ Wait time - 50 mS to 60 Sec. (conditional or fixed)</li> </ul>  |
| <b>Dielectric Strength</b> | <ul style="list-style-type: none"> <li>■ Voltage - 200 to 1000Vdc/ac* (50 Volt steps) <math>\pm 3\% \pm 5V</math></li> <li>■ Leakage current - <math>0.1mA</math> to <math>1mA \pm 10\% \pm 20\mu A</math></li> <li>■ Dwell time - 50 mS to 60 Sec.</li> </ul>   |
| <b>Component testing</b>   | <ul style="list-style-type: none"> <li>■ Resistance (2W) - <math>0.1\Omega</math> to <math>250M\Omega \pm 5\% \pm 0.1\Omega</math></li> <li>■ Capacitance - <math>200pF</math> to <math>10mF \pm 5\% \pm 100pF</math></li> <li>■ Diodes, Zeners, LEDs forward voltage up to <math>2VDC \pm 20mV</math></li> <li>■ Filters &amp; component networks (AC signature)</li> </ul> |



Because you need to be sure.

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