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## Test & Measurement

- > sales
- > rentals
- > calibration
- > repair
- > disposal

## Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



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## Features:

- Portable: light weight, 14.5 Kg. only
- Rugged, Reliable
- Digital readout of test voltage in kV, leakage current in  $\mu\text{A}$  /  $\text{mA}$ .
- Contains all features needed for electrical maintenance, testing of new or installed electrical apparatus like cables ect.



## Application

DPW testers are used for DC proof testing of high voltage equipment in power engineering. Routine testing of the insulation and leakage is a necessary requirement for surge arresters. Other areas include: Cable breakdown testing, capacitor charging and general laboratory use.

## Main Features

- Switched-mode technology utilizing pulse width modulation to control the output voltage accurately.
- The divider is an integral part of the unit with external surge limiting resistor.
- Zero start up. Audible alarm and LEDs for breakdown and over voltage occurrences.
- High voltage components are air insulated and housed in light weight insulated tube.
- Aluminum alloy cabinet with cover. Small dimension. Low weight. Carried conveniently.

## Accessories

- Molded mains card - 1 No.
- HT test leads, shielded, 3 meter long - 1 Pair
- Earth Cable, 4 Meter long - 1 No.
- Discharge rod, 6 meter long - 1 No

## Technical Data

Supply power	: 230V AC $\pm$ 10%, 50 Hz.
Output voltage	: As per model.
Output current	: As per model.
Ripple factor	: $\leq$ 0.10%.
Trip mA	: 1.15 times rated current.
Rating	: Intermittent. (Max.30 minutes at full load).
Accuracy and stability of HV adjustment	: $\leq$ 0.5%.
Meters	: LED digital readouts for kV: kV mA: $\mu$ A/mA
Measurement accuracy of voltage and current	: $\pm$ 1.5% $\pm$ 2 digit.
Environment temperature	: 45°C
Relative humidity	: 90%.
Relative altitude	: 2000m

Model	DPW-30-5	DPW-40-5	DPW-60-5
Voltage output	30 kV	40 kV	60 kV
Current output	5 mA	5 mA	5 mA
Trip current	5.75 mA	5.75 mA	5.75 mA
Dimension (cm)	28 $\times$ 27 $\times$ 31	28 $\times$ 27 $\times$ 31	31 $\times$ 30 $\times$ 33
Weight (kg)	9.5	10	14.5

\* Specification subject to change due to constant up gradation.



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