DR-250 *Dual*

Digital RF Meter

HF to SHF
mW to 10 kW
with external couplers



5.0 in
Capacitive touch screen, 800 × 480 display

< 5 %
Power and SWR accuracy over the whole HF range

nW → kW
Automatic power range scaling

8
Calibration profiles from HF to 23 cm and more

Two coupler inputs

A second input for an external radio: HF/6 m up to 2.5 kW, or V/UHF up to 1 kW (Option).

Four display modes

PEP (100 ms, 1 s, 2 s), forward and reflected power with SWR, power in dBm, and a modulation scope.

Remote by Wi-Fi

Read your meter from the Google Chrome browser. Firmware updates over the air.

Protects your amplifier

Audible and visual SWR alarm with a selectable level, plus PTT control of the linear amplifier on high SWR.

Made for the shack

Show your call sign on screen, set a low power floor, and choose the screen saver time or switch it off.

Rugged connectors

High power SO-239 Teflon connectors. N-type is possible with pre-ordering.

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Specifications on the next page



Rear panel: RF input, antenna output, Wi-Fi antenna, coupler 2 outputs, PTT jacks, 12 V DC



Angled view with the start screen

Technical *specifications*

DISPLAY AND INTERFACE

Display	5.0 in, 800 × 480, capacitive touch screen
Display modes	4: PEP (100 ms, 1 s, 2 s), forward/reflected and SWR, power in dBm, modulation scope
Call sign	Your call sign can be shown on screen
Screen saver	Selectable minutes, or off
Low power floor	Selectable

MEASUREMENT

Accuracy	Power and SWR < 5 % over the whole HF range
Power range	Automatic scaling, nW to kW
A/D converter	12-bit
Calibration	8 profiles for many bands: HF, 6 m, 4 m, 2 m, 70 cm, 23 cm and more

POWER AND SIZE

Supply	8 – 16 V DC, 1 A (0.35 A typical)
Power cable	Supplied with a power supply cable for 12 V 1 A
Dimensions	17.5 × 14 × 10 cm (W × D × H)
Weight	0.85 kg

RF AND COUPLERS

Coupler inputs	Dual. Second input for an external radio: HF/6 m 2.5 kW or V/UHF 1 kW (Option)
Frequency range	1.8 – 56 MHz (internal or external HF coupler)
Power handling	Internal coupler 2.5 kW HF/6 m; external 1 kW on 2 m/70 cm (Option)
Connectors	SO-239 Teflon high power (N-type possible with pre-ordering)

PROTECTION AND CONNECTIVITY

SWR alarm	Audible and visual, level selectable in the setup menu
PTT control	Protects the linear amplifier on high SWR
Wi-Fi	Remote access to meter readings with Google Chrome
Firmware	Wi-Fi OTA upgradable

ORDER AND QUESTIONS

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COMMUNITY

Facebook group Ham Radio Café
YouTube Ham Radio Café
Photos and customer reviews

Scan to join our Facebook group

Firmware design by PD0LEW Johan Holstein