

LUNARIS-2000

SWR & POWER METER HF+6 METER

2 Kilowatt 1.6-56 MHz

... with TANDEM MATCH SENSOR & LOGARITHMIC -DETECTOR



2kW SWR/POWER meter for HF + 6 m Fully auto ranging with BRIGHT OLED TEXT Display using ARM CORTEX-M7 & 200 times per second sampling rate. Highly accurate & fast for measuring Forward, Reflected, Peak / Average Power & VSWR. CALIBRATED with ROHDE & SCHWARZ SMY 01 and SMA1008 Signal Generator

MODEL NO.

LUNARIS-2000

SPECIFICATIONS

FREQUENCY RANGE

1.6 - 72 MHz

POWER RANGE

-10db(0.1mw) to 2 Kilowatt AUTORANGING

ACCURACY

(+ / - 5%) Power is measured 200 Times per second

RESOLUTION

0.025 db resolution (12bits ADC used)

MINIMUM POWER FOR SWR

1 mW onwards – USER PROGRAMMABLE Alarm. Adjustable SWR Alarm threshold 1.5 to 3.9

DISPLAY

LCD 4" Diagonally displays Instantaneous power, Average power & PEAK power

DC POWER

12-24V @200ma from External source

CONTROLLER

ARM Cortex-M7 at 600 MHz

FRONT PANEL

LCD	BRIGHT CRISP EXCELLENT RESOLUTION DISPLAY IN dbm or WATT
TOUCH CONTROL	FOR NAVIGATION & CONFIGURATION FOR MENU SELECTION
POWER SWITCH	SOFT TOUCH POWER SWITCH
SMA FEMALE CONNECTOR	RF Sampler - 17db no EXTRA COST
POWER DISPLAY SEQUENCE	PEAK POWER FOR 0.5-5 SECONDS (user defined) INITIALLY AND THEN DISPLAYS AVERAGE POWER
<u>REAR PANEL</u>	
TX /ANT Connector	2x UHF Female SO-239 50 ohms Coax. Connector
Power Source	12 - 24V DC

NOTE:

GPIO PORT – 2 NOS. RCA Connector at the rear panel has been provided and reserved for FUTURE USE by CEDA-Labz

Test Results <https://www.youtube.com/watch?v=Uz1Q7nO0ks0>

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