

WLIGHT portable digital loadmeter

- ✓ 20mm high easy to read 5½ digit red LED display
- ✓ Rechargeable batteries with up to 20 hour runtime
- ✓ Precision 24-bit A/D converter
- ✓ Linearisation, to correct for sensor non-linearity
- ✓ RS232 communications



Specification

Parameter	Value	Unit
Supply requirements	22 to 26	V
Included mains power supply	24	V
Batteries	8 NiMH 1.2V cells	
Charge time (With 24V supply)	20	hours
Run time (Single 350W loadcell)	20	hours
Operating temperature	-20 to 60	°C
Storage temperature	-30 to +80	°C
Dimensions	280x120x200	mm
Display	20mm high 5½ digit red LED display	
Measuring A/D converter	24	bit
Conversion rate	Up to 300 readings	per second
Thermal stability	0.0005% full scale	°C
Non-linearity	0.01% of full scale	
Loadcell input	4 wire and 6 wire with remote sensing	
Loadcell excitation supply	5 ±0.1	V
Loadcell bridge range	85 to 5000	Ω
Loadcell sensitivity range	0.5 to 7.0	mV/V

WLIGHT portable digital loadmeter

A portable self contained digital load meter with a large easy to read LED display and controls that can be used while wearing gloves. The internal rechargeable batteries can power the loadmeter for up to 20 hours for portable operation. With the supplied 24V mains power supply the meter can run constantly for use at a workstation while keeping the internal battery charged and ready for portable operation. The WLIGHT can be powered by a 12V external supply, but a 24V supply is required to recharge the internal batteries. Models: WLIGHT [WLIGHT portable digital loadmeter]

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