

LM100-3

This read out unit is designed to measure the output power of different lasers in combination with a thermopile detector. The maximum power is limited by the used power head. By using this read out unit it is possible to reduce the time constant of the whole measurement system to 1 second. Normally, the time constant of a power head is in the region of 15 to 25 seconds.

The LM100 is equipped with a rechargeable battery and charging unit. It is possible to operate the LM100 either from the power supply or rechargeable built-in batteries so that it remains versatile and can be adapted to most applications. The batteries are automatically charged when the instrument is plugged into the power supply. The batteries can also be charged when the LM100 is turned off. The charging circuit prevents the batteries from being overcharged. The state of the batteries and the charging circuit is displayed by two LEDs.

- large analogue display
- 8 ranges : 1 mW .. 3 W
- power supply and battery operation
- integrated charging unit
- time between charges: 300 hrs.
- time constant 1 sec.
- solid metal case
- outer dimensions: 160x180x70 mm³
- analogue output

