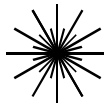
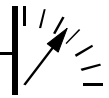


LEM 2420



Pulse Energy and Power Measuring Instrument

S e n s o r - u n d L a s e r t e c h n i k

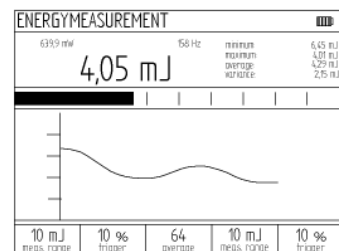


A touch panel and function keys make this device comfortable and easy to handle.

The preamplifiers integrated into the device and the possibility to input sensor sensitivity, allow to use a wide range of sensor heads. The large graphic display offers space for a variety of display and analysis choices. The digital display can be used for determining the energy, frequency and average power. The analogue part with its bar graph display is useful e.g. for laser adjustments. Laser stability can be monitored using the data logger and statistics window.

The LEM2420 is equipped with an USB interface and with a TCP/IP network connector. These ports allow remote control and transferring of all data to a PC. Additionally, a MMC/SD-Card slot to save the data is integrated.

- For pyroelectric energy sensor heads and thermoelectric power sensor heads
- Digital display, analogue display, graphic data logger, statistics
- Wide dynamic range, especially for energy measuring
- input of correction factors e.g. for mirrors or beam splitters
- Power plug or rechargeable battery with integrated charging unit
- Adjustable trigger level
- External trigger input
- HiRes Graphic display with background illumination
- Touch panel
- USB 2.0 interface
- TCP/IP-Network-Connector
- MMC/SD-Card slot
- Software update possible
- compatible to all heads of PEM, HP and BB series



Display examples for energy measurement
For changing the different display modes simply touch the screen