

# USB2000-LOG

Precision is  
our business



## APPLICATION

The logger USB2000-LOG is a microcontroller card designed for the Ocean Optics USB2000 Spectrometer (CCD-array). The data are logged to a SD-card. The result is a compact and flexible stand alone logging system, with no moving parts. The logger communicates via RS232 to the USB2000 Spectrometer. All USB2000 serial communication speeds are supported. An easy to handle Software allows setting of necessary parameters. After switching on the power the USB2000 is automatically parameterized. All parameters and spectra are saved on a SD-Card.

## SPECIFICATION

|                   |  |
|-------------------|--|
| Communication     | RS232  |
| SD-card           | maximal 512 Mb                               |
| Time resolution   | 8 scans / 10 s. Scans are stored on SD-card  |
| Power supply      | 9 V...18 V<br>5 V for USB2000 are generated. |
| Power consumption | 0.9 W  |
| Temperature range | -20°C ... +50°C                              |
| Controller        | 8 Bit maincontroller, 8 Bit subcontroller    |
| Parameters        | set by software and stored on SD-card        |

## ON REQUEST

Alternative Interfaces    Ethernet, W-LAN, modem, radio signal

CMS – Ing. Dr. Josef Schreder  
Eggerstrasse 8  
6322 Kirchbichl  
AUSTRIA

Tel: 0043 / (0)5332 / 77056  
Fax: 0043 / (0)5332 / 76692  
E-Mail: info@schreder-cms.com