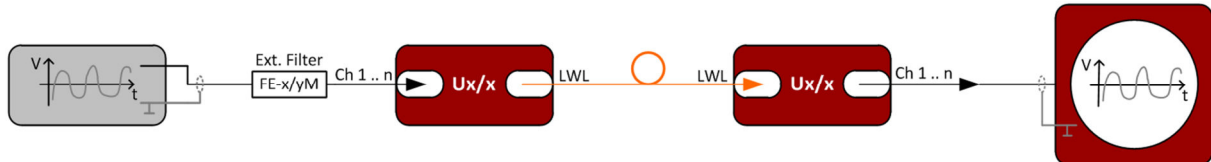


Field of application and characteristics

The **U**-system can be used for the optical transmission of analog voltage signals outside the ALC or to transmit a stimulus inside the chamber (with optional output filter). It can also be used to transmit analog signals over long distances or to handle ground potential problems. With the optical transmission, the shielded case and external filter, the system is well equipped for EMI and EME tests.



Technical data

Channels:	1
Resolution:	8Bit
Frequency range:	DC ... 50MHz (depending on ext. filter)
Input:	+/- 15V; BNC
Input impedance:	1M Ω ; approx. 8pF
Output:	+/- 15V; BNC; max. 50mA; short circuit protection (short time)
Output impedance:	approx. 50 Ω
Sampling rate:	250MS/s
Power supply:	5 NiMH cells with 4 Ah; 8-10h; five-poled charge plug
Case dimensions:	136mm x 86mm x 65mm aluminum case with rubber protectors
Weight:	approx. 800g
Misc.:	optional external battery pack / supply available different ext. filters (frequency range) available

Optical fiber

Connector / Type:	FSMA / simplex-multimode fiber 62,5/125 μ m
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