



PRODUCT SPECIFICATIONS | opTrilyzer® Med Fluo

Quantification of Fluorescence-Based Lateral Flow Assays



opTrilyzer® Med Fluo

<i>Application:</i>	intensity quantification of 2 Lines (control/ test; more than 2 lines on request)
<i>User:</i>	professional staff, mobile and clinical usage
<i>Test Specification:</i>	reader adjustable for different fluorescent dyes, current configuration for excitation at 470 nm (blue) and fluorescence emission at 520 nm (green)
<i>Dimensions:</i>	210 mm x 130 mm x 50/ 70 mm (L x W x H)
<i>Dimensions Test Cartridge:</i>	max. 95 mm x 50 mm x 7 mm (L x W x H)
<i>Weight:</i>	ca. 800 g
<i>Display:</i>	4.3" TFT graphic display
<i>Keypad:</i>	10 numeric keys, 5 function keys
<i>Measuring Time:</i>	approx. 30 sec/ measurement
<i>Calibration Card:</i>	SD card
<i>Memory:</i>	integrated flash-ROM
<i>Memory Capacity:</i>	> 1000 patient data files
<i>Interface:</i>	USB port, D-sub socket (for printer), SD card slot Connection to Hospital Information Systems (HIS) via HL7 possible
<i>Battery Life:</i>	8 hours
<i>Language Options:</i>	english, german, french, italian, spanish, portuguese, swedish, serbian, romanian, upgrade to further languages possible
<i>Timer Function:</i>	adjustable upon calibration, default setting 15 minutes
<i>Barcode Reader:</i>	integrated for test recognition (barcode label on test cartridge backside), external for patient/ operator recognition via barcode
<i>Operation Temperature:</i>	10 °C ... 35 °C
<i>Operation Humidity (rel.):</i>	20 ... 85 %
<i>Storage Temperature:</i>	-30 °C ... 80 °C
<i>Degree of Protection:</i>	IP 20
<i>Power Supply:</i>	lithium ion battery (rechargeable) AC/ DC converter 100-240 V; 47-63 Hz
<i>External Thermal Printer:</i>	optional
<i>Package Contents:</i>	case with accessories

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