

Flash



Radiometer/Light meter/Color temperature meter **Successor of Pollux**

- 3-in-1 measurement device: visible light / UV-A / color temperature
- Well suited for light conditions control, in magnetic particle inspection and penetrant testing inspection booths
- Measurements accessible remotely via wired or wireless communication
- Measurements recording for computer processing
- Fully configurable by the user

Technical characteristics



Detection characteristics

Physical parameter:	Range	Max resolution	Units
Visible light:	up to 6 000 lux	0.1 lux	lux, fc
UV-A:	up to 20 000 $\mu\text{W}/\text{cm}^2$	1 $\mu\text{W}/\text{cm}^2$	$\mu\text{W}/\text{cm}^2$, mW/cm^2 , W/m^2
Color temperature:	from 2 000 to 8 000 K	50 K	K
Angular response:	> 0,9		



Mechanical and environmental characteristics

Operating temperature:	From 10 to 50 °C
Housing dimensions:	140 x 71 x 34 mm
Probe dimensions:	72 x 44 x 16 mm
Weight:	300 g (with batteries)
IP code:	IP54



Electrical characteristics

Stand-alone device:	3 AA cells or batteries
Power supply:	USB-C port (5 V)
Battery life:	35 h



Connectivity

Wireless connection:	Wi-Fi IEEE 802.11b/g/n - 2.4 Ghz - 50 mW
Wired connection:	USB-C - virtual serial port
Data retrieval:	USB Mass storage



Features

Display:	2.8" color screen
Values recording:	Time-stamped measurements (per user, if enabled)
Languages:	French, English
Possible user and rights management	
Modular display:	User choice of values to display
Automation:	Possible integration into an automated measurement chain

Application & use

Flash allows to control light conditions especially in NDT inspection booths.
Flash integrates a data processing algorithm which allows to respond quickly.
Flash has been developed according to ISO 3059 and ASTM E2297/E3022 standards.