FieldCAL

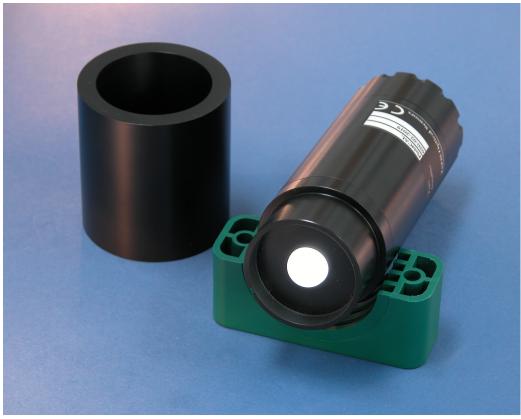
Spectral field calibration device for RAMSES radiometer

The main function of FieldCAL device is to carry out a reliable calibration check of RAMSES hyperspectral radiometers in the field. Due to the special design radiance and irradiance devices can be checked. For radiance sensors a special adapter cone is used, which is included in the set. Small dimensions and a rugged transport box make FieldCAL to an useful accessory for operational light measurement systems.



FieldCAL

Info	
spectral range	430 - 730 nm (measurement)
	310 - 950 nm (with extrapolation software)
light source	super-bright white LED with spherical diffuser
stability	typically better than 1% after 1 minute
battery pack	4 cells type AA; non rechargeables
operation time	typically 50 hours per battery pack
material	POM, seawater resistant plastic, black
size	d= 50mm x 140mm
	d= 50 / 60mm x 182mm (with ACC adapter)
operation temperature	0 - 40°C



- high stability
- battery powered
- small size
- easy to use
- for RAMSES irradiance and radiance sensors

order codes

21 2000 FieldCAL (field calibration device with transport box and software)



The FieldCAL was developed in cooperation with Mr. M. Wernand of the Royal Netherlands Institute for Sea Research (Royal NIOZ)