



Overview

Product name	CAL4-E
Principle	Integrating sphere for the measurement of light sources in the medical area. The CAL4 can be used for measuring resolution, color, OECF, dynamic range and noise when using the endoscopy light source.

Features

Integrating sphere

Diameter	300 mm
Output window	Rectangular output window, 50 mm x 50 mm with slot for D35 sized test charts
Uniformity of luminance in active area	> 97%
Connection for light source	High temperature resistant cold-light cable
Specialties	<ul style="list-style-type: none"> • Uniform illumination over the whole chart plane • Device connected to the endoscopy light source with a fiber optic cold-light cable

Fiber-optic Cable

Diameter of fiber bundle	4.9 mm
Length	1.8 m
Colour	Grey
Specialties	<ul style="list-style-type: none"> • High temperature resistant • XENON approved • Compatible for the most common light sources by using different adapters
Supported light sources	STORZ, ACMI, AFI, ASPEN, EDER, KLI, LUXTEC, PILLING, STRYKER, WEHMER, V. MUELLER, ZIMMER, OLYMPUS, WOLF, HSW, DYONIC, COMEG, MEDICON Others on request.



General description hardware

Dimension [W x H x D]	400 x 300 x 300 mm
Weight	3 kg
Operating conditions	Optimal: 22 - 26 degrees Celsius
Warm up time	Depending on endoscope and light source
Scope of delivery	CAL4 integrating sphere (without light source), four adapters for different kind of light sources, high temperature resistant cold-light cable