

INSTRUCTION MANUAL

SP-J1012-HOLDER-LILEI

HOLDER FOR LIGHT GUIDE TO AN ENTRANCE PORT
WITH A BENTHAM TYPE SPECTROPHOTOMEER

Calibration • Measurement • Softwaresolution

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1 SYSTEM OVERVIEW

This manual outlines the mounting of the holder '*SP-J1012-HOLDER-LILE*' for a light guide to the entrance port of a Bentham type spectrophotometer.

2 TECHNICAL DESCRIPTION

The holder connects the light guide to a Bentham type input slit. This guaranties a high flexibility and reliability when the light guide has to be removed.

The allowed diameter of the light guide bundle is \varnothing 25 mm respectively \varnothing 17 mm. The holder consists of 2 parts. One has to be mounted to the slit, the second one has to be mounted to the light guide. Light guide and slit can afterwards be connected by a strong spring, which guaranties in combination with 2 fitting pins the correct positioning.

PART 1 of the HOLDER has to be mounted to the slit of the Bentham System. It has to stay permanent on the slit.

PART 2 of the HOLDER has to be mounted to the Light guide. It has to stay permanent on the slit.

After mounting this two parts, it is possible to dismount the light guide (including the Holder Part 2) from the Slit. The calibration of the system will stay within about 1 %.



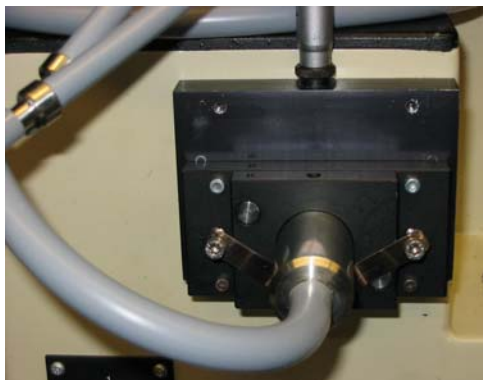
LIGHT GUIDE, PART1, PART2



SLIT



HOLDER PART 1



SLIT

HOLDER PART 1 mounted on SLIT

HOLDER PART 2 mounted on Light guide

HOLDER PART 2 is fixed with 2 special clamps to HOLDER PART 1