

Specifications

Measurement system

Analysis method:

Lens-less dynamic image analysis

Detector:

CMOS sensor

Illumination:

White light

Data acquisition rate:

3.75 fps

Pixel size:

1.4 μ m x 1.4 μ m

Typical measurement time:

as per Laser Diffraction

Materials in contact with the dispersant, additives and sample:

316 stainless steel

BK7 glass

Perlast FFKM

Sample measurement capabilities

Measurement range:

9 - 1000 μ m *

Observable Size range:

1.4 - 1000 μ m *

(cell width 1500 μ m)

System Compliance

Regulatory testing:

Designed to meet RoHS/REACH and WEEE requirements

CE: complies with EMC directive 2004/108/EC {BS EN 61326-1: 2006}
and Low Voltage Directive 2006/95/EC {BS EN 61010-1: 2010}

FCC: CFR 47 Part 15:October 2010 compliant (Class A digital device)

ICES-003 compliant (Class A digital apparatus)

VCCI compliant.

Designed to meet C-Tick requirements.

General Specifications

Dimensions:

200mm x 160mm x 218mm (LxWxH)

Mass:

6kg

Power:

100-240V ac 50/60Hz <1A

Supply Voltage:

100-240V, 50-60Hz

Power consumption:

<6W

Product storage temperature:

-40°C to +50°C

Operating range:

+10°C to +35°C

Humidity:

80% maximum for temperatures up to 31°C, decreasing linearly to 50% at 40°C.

Non condensing

Ingress Protection (IP) rating:

Designed to meet IP31

Notes

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* Sample and dispersant dependent