

External vacuum and nitrogen gas source for the Cascadion SM Clinical Analyzer

IVD accessory for the Cascadion SM Clinical Analyzer

Thermo Scientific™ Cascadion™ SM Accessory Cabinet is for use in conjunction with the Thermo Scientific™ Cascadion™ SM Clinical Analyzer in clinical laboratories.

The purpose of this IVD accessory is to reduce the noise associated with running the roughing pump and nitrogen generator.

Functionality and features

- Connects to the Cascadion SM Clinical Analyzer
- Sound reduction cabinet with mechanical air circulation
- Contains validated nitrogen generator and roughing pump
- Internal temperature and waste water level sensor with signaling

Dimensions

Size (width x depth x height):	77 cm x 112 cm x 140 cm (30.3 in x 44.1 in x 55,5 in) Floor based unit
Weight:	365 kg (805 lb)

Other

Power consumption:	<3.5 kW
Heat production:	<12 000 BTU/h
Noise production average at 1 meter:	<75 dB including Cascadion SM Clinical Analyzer

Installation requirements

Temperature:	Range 18–27 °C (65–81 °F)
Humidity:	Range 20 % - 80 % (non-condensing, dew point <16 °C)
Power, nominal values:	Voltage 230 V, frequency 50-60 Hz
Ventilation requirements:	Ventilation exhaust for roughing pump

Regulatory compliance

Europe

Conformity with the IVD (in vitro diagnostic medical devices) directive 98/79/EC and RoHS directive

International

Conformity with the following international regulations IEC 61010 series

Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use

CAN/CSA-C22.2 No. 61010 series

Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use

UL Std. No. 61010 series

Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use

IEC 61326 series

Electrical Equipment for Measurement, Control and Laboratory Use - EMC Requirements

FCC 47CFR Part 15, subpart B

Generic Emission Standard, Class A

FDA 21 CFR 820, Quality Systems Regulations, as applicable

Quality System Certification

ISO 9001:2015 Certified by BSI

ISO 13485:2016 Certified by BSI

ISO 14001:2015 Certified by BSI

Canadian MDSAP ISO 13485:2016 Certified by BSI



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Find out more at thermofisher.com/cascadion

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