

Specifications For Qiacube Connect System PRV1

Specifications

Technical data Power: 100–240 V AC, 50/60 Hz, 650 VA Mains supply voltage fluctuations are not to exceed 10% of nominal supply voltages. Note: The apparent power can exceed 650 VA for up to 2 seconds during the centrifuge acceleration and can reach an approximate value of 1000 VA.; Fuse: 2x T6.3A L 250V; Overvoltage category: II

Operating temperature 18 to 28°C (64.4 to 82.4°F)

Relative humidity 15–75% (non-condensing)

Place of operation For indoor use only

Pollution level 2

Environmental class 3K2 (IEC 60721-3-3)

Storage conditions Temperature: 15°C to 30°C (59°F to 86°F) in manufacturer's package;
Relative humidity: Max. 75% (non-condensing); Environmental class: 1K2 (IEC 60721-3-1)

Instrument dimensions Dimensions (hood closed): width 65 cm (25.6 in.), height 58 cm (22.8 in.), depth 62 cm (24.4 in.); Dimensions (hood open): width 65 cm (25.6 in.), height 86 cm (34 in.), depth 62 cm (24.4 in.); Mass: QIACube Connect: 71.5 kg (157.6 lb.), Accessories: 3 kg (6.6 lb.)

Centrifuge 10,640 rpm maximum, 12,000 x g maximum, swing-out rotor maximum 45°, 12 rotor positions

Shaker Speed 100–2000 rpm, amplitude 2 mm, heating range of ambient temperature to 70°C (158°F), ramp-up time of <5 minutes from ambient temperature to 55°C (±3°C). Difference in the temperature detected by the internal sensor and the temperature of the sample liquid is approximately –2°C.

Pipetting system Syringe size 1 ml, pipetting range 5–900 µl

Table capacity Up to 12 samples per run

Touchscreen 10.4" TFT Touchscreen, active area 211.2 x 158.4 mm, resolution 800*600 SVGA

Data output USB stick: USB2.0; Compatible OS: Windows 8, Windows 7, Windows Vista, Windows XP (SP3 or later); Mac OS x 10,1 or later; Operating temperature range: 0°C to 35°C; Operating humidity range: 10 to 90% (with no condensation); Storage temperature range: –20°C to 60°C (–4°F to 140°F); Storage humidity range: 10 to 90% (with no condensation); Formatting: FAT32

UV lamp Wavelength: 278nm; Optical power: 200-300mW

Special feature Handheld scanner; Scan pattern: Area Image (838 x 640-pixel array);
Motion tolerance: Up to 610 cm/s (240 in/s) for 13 mil UPC at optimal focus; Symbol contrast:
20% minimum reflectance difference; Decode capability: Reads standard 1D, PDF, 2D, Postal and
OCR symbology

Software QIAGEN protocols are pre-installed on the QIAcube Connect.

Altitude Up to 2000 m (6500 ft)

Transportation conditions -25°C to 60°C (-13°F to 140°F) in manufacturer's package; Max.
75% relative humidity (non-condensing); Environmental class: 2K2 (IEC 60721-3-2)

Service Plans

QIAcube Connect, 2 Year Full Agreement

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