

4BioCell Count Pro

Technical Specifications

SIZE	Height: 45 cm (in) Depth: 45 cm (in) Width: 45 cm (in)
WEIGHT	Weight: 20 kg (lbs) incl. PC
POWER SUPPLY	264/85 Vac, 47/63 Hz
OPERATING MODE	Fully automated
HYDRAULIC SYSTEM	Tecan OEM pump with ceramic valve Peristaltic pump for waste Water Reservoir and waste container in removable Schott bottles (500 mL), level sensors outside of bottles to avoid corrosion
MEASURING TIME	ca. 3 minutes
SAMPLE VOLUME	100 µL
CONTROL	Real-time multitasking microprocessor-based control Easy access to the electronics
COMPUTER	Industrial Embedded PC, built-in 12.1-inch touch screen Intel i5 / 8GB RAM, Windows 10 Enterprise Combined SSD/HDD (128 / 500 GB)
PIPETTING	Automatic pipetting robot using disposable pipette tips Dosing unit exchangeable, can be calibrated with certificate upon request
IMAGE RECOGNITION	Mobile camera, image recording while movement/shock/vibration possible
SAMPLE DILUTION	Automatic pre-dilution up to 1:10 Automatic test repetition with dilution
TYPES OF TESTS	Single measurement, duplicate measurement, re-run measurement
PRINTING	Single test, complete sample, work sheet, calibration, method and QCs
REPORTS	Automatic sample reports upon test completion if requested, Export as .csv, .xls, .doc, .pdf
POWER	Standard VDE removable power cord
REMOTE	Remote connection possible Integrated tubings for automated sample transfer from bioreactor or autosampler
QUALITY CONTROL	with 4BioCell's own product line of certified beads: ConSta, FocSta, LinSta, ViaSta
ERROR LOG	Automatically stored at run-time, can be viewed or printed 4-eyes-principle for important settings Audit Trail for documentation