



Product specifications

Technical specifications

Physical characteristics

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| Instrument type: | Benchtop cell counter and suspension cell-based assay platform |
| Instrument dimensions: | 9 (W) × 5½ (D) × 9 inches (H) |
| Weight: | 8 lbs |
| Operating power: | 100–240 VAC, 0.58 A MAX |
| Frequency: | 50/60 Hz |
| Electrical input: | 12 VDC, 2 A |
| Installation site: | Indoor use only, Class A Environments (i.e., non-residential or light industrial); Pollution degree 2. |
| Operating temperature: | 4°–40°C (39°–104°F) |
| Operating humidity: | <80% (non-condensing) |

Technical specifications

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|-------------------------------|---|
| Processing time: | ~15 seconds |
| Sample concentration range: | 1×10^4 – 1×10^7 cells/mL |
| Particle/cell diameter range: | 4–60 µm (particles); 7–60 µm (cells) |
| Required sample volume: | 10 µL |
| Firmware: | Countess™ Automated Cell Counting Platform Software |
| USB Drive : | 4 Gigabytes |

Optics

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| Optics: | 3 channels (brightfield and 2 slots for EVOS™ LED light cubes) |
| Camera: | 5 Mega pixels, 2.5× Optical Magnification |

Analysis slide

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|-----------------|------------------------------------|
| Material: | Poly(methyl methacrylate) (PMMA) |
| Dimensions: | 25 mm (W) × 75 mm (D) × 1.7 mm (H) |
| Chamber volume: | 10 µL |