Four-channel automated cell counter

Count cells and assess viability for up to four samples per run with a four-channel slide.

Cell counting



Features

- Process up to four samples using a four-channel slide.
- Image-based autofocus and cell-detection algorithms support counting and viability analysis.
- Save sample presets and export counts, viability data and images.

Technical specifications

Channels	Four samples per slide
Objective	2.9×
Cell diameter	5-60 µm
Concentration range	1 × 10^4 to 2 × 10^7 cells/mL
Recommended concentration	1 × 10^5 to 1 × 10^7 cells/mL
Viability stains	Trypan blue or Erythrosin B
Loading volume	20 µL/channel
Processing time	Approx. 15 s/channel
Focus	Manual and autofocus
Display	8.0-inch touchscreen
Exports	PDF, CSV, JPG
Dimensions (W × H × D)	167 × 270 × 201 mm
Weight	2.89 kg
Power input	100-240 V AC, 50/60 Hz, 1.7 A

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Applications

- Measure concentration and viability across multiple cell-culture samples.
- Standardise routine counts with saved analysis presets.

Configurations and accessories

- Specify compatible four-channel slides; brochure packing is 50 slides / 200 tests.
- Confirm slide compatibility with the exact counter before ordering consumables.

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https://www.precisometer.com/microscopy/life-science-instruments/cell-counting/four-channel-cell-counter