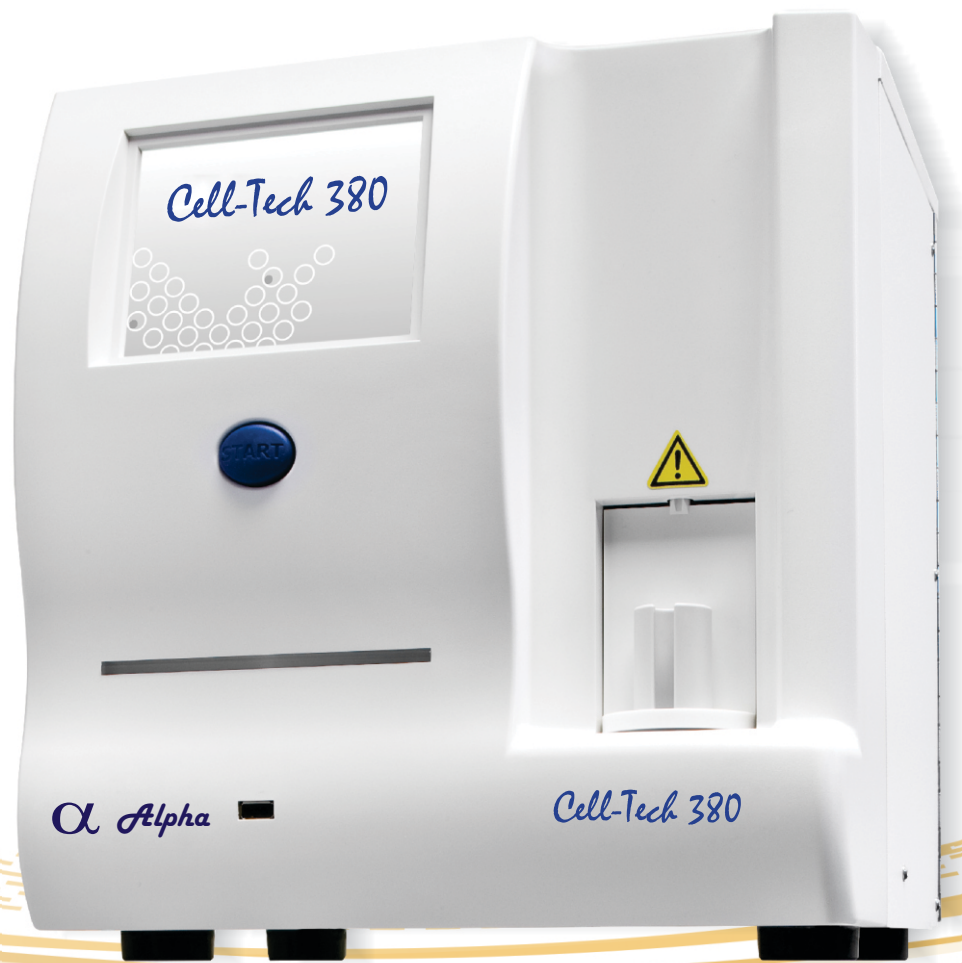


*Alpha Technologies*

*Cell-Tech 380*

When speed and performance matter



**Measuring data**

- Throughput - 80 tests/hour
- Parameters - 22 including 3-part differential: WBC, LYM, MID, GRA, LYM%, MID%, GRA%, RBC, MCV, HCT, HGB, MCH, MCHC, PLT, MPV, RDW<sub>cv</sub>, RDW<sub>sd</sub>, PCT, PDW<sub>cv</sub>, PDW<sub>sd</sub>, P-LCR, P-LCC
- Diagnostic flags (P.S.)

**Measuring principle**

- Volumetric impedance method
- Light absorbance for HGB measurement

**Samples**

- 25 µl of whole blood or 50 µl of pre-diluted blood
- Open tube system with automatic sample rotor
- Pre-dilution mode

**Reagents**

- Diluent, Lyse, Cleaner - all cyanide free
- Optical reagent sensors
- Online reagent inventory

**Measurement**

- 2 counting chambers
- Aperture diameter - 70 µm (RBC/PLT) and 100 µm (WBC)
- Anti-clog protection
- 3 stage cleaning procedure - high voltage burst on apertures, high pressure back flush, chemical cleaning of apertures

**Quality control**

- Separate QC database
- Levy-Jennings graphs
- USB and barcode options to load QC values

**Technical features**

- Data capacity of 10,000 results with histograms
- Built-in thermal printer
- Printer interface - USB with support for HP and Dot-matrix printers
- External keyboard and mouse via USB connection
- External barcode reader (optional)

**Usage**

- Color TFT touch screen
- Software upgrade via USB memory stick
- Data back-up via USB memory stick
- 3 USB-A port on back, 1 USB-A on front
- 1 USB-B on back for interfacing to PC

**Operating temperature**

- 15-35°C, Optimal temperature 25°C

**Power requirement**

- 12VDC, 5A, 60W - max, 10W - standby

**Dimensions**

- Size (Width x Depth x Height)  
33.5 x 31.5 x 38 cm (13.2 x 12.4 x 15 in)
- Weight: 12 kg

**Alpha Technologies**

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**ISO 9001: 2015**  
**ISO 13485:2016**  
**Certified Company**

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We offers a broad portfolio of performance driven In Vitro Diagnostics products and instrumentation for use in hospitals, diagnostic laboratories and research centers worldwide.

Our brand, along with our domestic and international manufacturing partners, provides a high quality, cost-effective alternative for diagnostics instrumentation, assays and reagents for better delivery, more personalized care to patients around the globe.