

## PENTRA120 Retic SPS



### Automated and fully-integrated slide preparation and staining system

---

#### Innovative features

- Microsampling of 50 µl whole blood from primary tubes.
- User-definable smearing criteria.
- Choice of staining protocols.
- Validation station with cytology atlas.
- Up to 120 samples/hour.

#### Technical :

---

- **Weight :** Pentra 120 Retic + SPS = 110 kg + 60 kg
- **Power supply :** 90/240 V - 50/60 Hz - 800 VA.
- **Dimensions :** 50 x 91 x 70 (H x W x D) cm (SPS module).  
PENTRA 120 + SPS = 160 cm.
- **Electrical safety standards :** IEC 601-1 CE Mark.
- **Throughput :** 120 tests/hour.
- **Physical :** Temperature range of 18-32°C. 20-85% relative humidity (non-condensing).
- **Performance :** Produces classic wedge smear with significant monolayer.  
No adjustment, computerized smear optimization. Classic wedge smear 15 smearing profiles.
- **Specific parameters :** Drop volume, smearing angle, smearing speed.
- **Staining Rotor :** 32 staining wells.

## 120 tests/hour (*closed tube*)

- **Processing:** Up to 120 slides per hour.  
Smearing with or without staining upon user defined criteria.  
Rerun slide capacity (reflex testing).  
"Stat" for staining pre-smear slides.
- **Staining:**
  - May Grünwald-Giemsa.
  - Wright.
  - Wright-Giemsa.
- **Volume :** Closed tube mode : 50 µl
- **Operating sample mode :**
  - Vertical rack loader.
  - End-over-end rotation for smooth sample mixing.
  - Maximum load: 15 racks (150 tubes).
- **Identification :**
  - Auto-printing of demographics (user definable) on slide with resilient ink.
  - Text capacity of 3 printed lines (user definable).
- **Parameters (36) :** WBC, RBC, HGB, HCT, MCV, RDW, MCH, MCHC, PLT, MPV, PCT, PDW % and #. LYM, MON, NEU, EOS, BAS0. RET %, RET #, RETH %, RETM %, RETL %, IMM %, CRC%, IRF %, MRV, MFI%
- **Plus:**
  - ALY = Atypical Lymphocytes (% and #)
  - LIC= Large Immature Cells (% and #)
- **Graphics :**
  - High resolution leucocyte differential matrix
  - RBC, PLT, and BAS histograms.
  - RES and FLUO histograms.
  - Retic matrix.
- **Stability :** 48 hours



## Contact the Infolab Distribution Center nearest you:

Clarksdale, MS	1-800-647-8222
Fort Oglethorpe, GA	1-800-241-8953
Greensboro, NC	1-800-782-9700
Round Rock, TX	1-800- 322-3882
<b>Ocala, FL</b>	<b>1-800- 734-7584</b>
Zionsville, IN	1-866- 232-7096