

## Auto ESR Analyzer

### **PKL PPC 840** Auto ESR Analyzer

#### Features

- Large color display, touch screen 40 channels, up to 80T/H
- Application scope: measurement of ESR (measurement range: 0-140mm/h)
- Analysis time: 30min and 60min for selection (sampling interval: 3min)
- Analysis capacity: max 80 tests/hour
- Analysis channels: 40 channels (max 40 samples can be loaded simultaneously for analysis)
- Loading type: measurement at any time
- Analysis result: Westergren ESR value (mm/h)
- Temperature correction: automatic correction to the result at the temperature of 18°C
- Measurement method: IR detection
- Result resolution: 1mm/1h and 1mm/2h
- Height range of anticoagulated blood: 50mm-64mm
- Test accuracy:  $\pm 2\text{mm/h}$  (when  $\text{ESR} \leq 30\text{mm/h}$ )
- $\pm 3\text{mm/h}$  (when  $30\text{mm/h} < \text{ESR} \leq 80\text{mm/h}$ )
- $\pm 5\text{mm/h}$  (when  $\text{ESR} > 80\text{mm/h}$ )
- Precision:  $\text{CV} \leq 2\%$
- Channel deviation:  $\leq \pm 4\text{mm/h}$
- Timing accuracy:  $\pm 90\text{s}$
- Reading accuracy: 0.2mm
- Display: 7" color LCD touch screen
- Communication interface: RS232C serial interface
- Printing: built-in thermal printer
- Dimension of instrument: 300mm×425mm×185mm (W×L×H)
- Weight of instrument: < 10kg
- Supply voltage: AC 220V $\pm$ 22V, 50Hz $\pm$ 1Hz
- Rated power: 60VA



**PARAMEDICAL srl**

**ISO9001:2015 ISO13485:2016**