



**PERLONG GROUP**  
Perlong Medical Equipment  
Co., Ltd.

Perlong Group-Cherish your life, Cherish your health!

Clinical Lab Devices

### PUS-2018 Biochemistry Analyzer

#### with External Printer



#### with Internal Printer



#### ★Specifications★

- ◇ Wavelength Range: 340nm-700nm
- ◇ Measurement Range: 0.001-3.000Abs
- ◇ Precision:  $\pm 0.001$ Abs
- ◇ Repeatability:  $\leq 0.005$ Abs
- ◇ Linearity:  $\leq \pm 1\%$
- ◇ Cross-contamination:  $\leq 1\%$
- ◇ Temperature Accuracy:  $\pm 0.1^\circ\text{C}$
- ◇ Test Temperature: 25 $^\circ\text{C}$ 、30 $^\circ\text{C}$ 、37 $^\circ\text{C}$ (adjustable)
- ◇ Test Method: End-point, kinetic, two-point, standard curve and single/double wavelength exam.
- ◇ Colorimetric Pool: Titanium alloy
- ◇ Reagents: Open system
- ◇ Display: Absorbancy, density, active unit, and normal parameters

#### ★Features★

- ◇ To be furnished with 7 filters with the wavelength of 340, 405, 492, 510, 546, 578 and 630nm for detecting various items, and the machine select working wavelength by itself. If you need filters other than these wavelengths, please specify it clearly as you order it.
- ◇ The machine can store 100 programs. You can program parameters either beforehand or at current time based on your needs.
- ◇ Automatically store the scale parameters of the first detection to convenient detections of the same item, which will be done by directly sucking the sample to be detected.
- ◇ Quality control, automatically store, calculate and output quality control data.
- ◇ 128 x 240 LCD, user-friendly menu system for convenient operation.
- ◇ Detect by means of end-point, kinetic, two-point, standard curve, and conc. & bichromatic.
- ◇ The machine, together with software developed by our company and computer, can build up a biochemistry workstation, which can complete comprehensive report, tracking report, statistic report, quality control for any item, and research and output function.

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