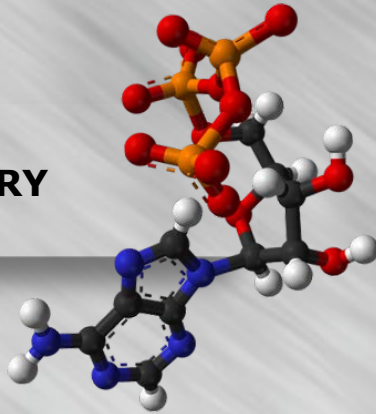




CUBI

Full automatic biochemistry analyzer

BIOCHEMISTRY

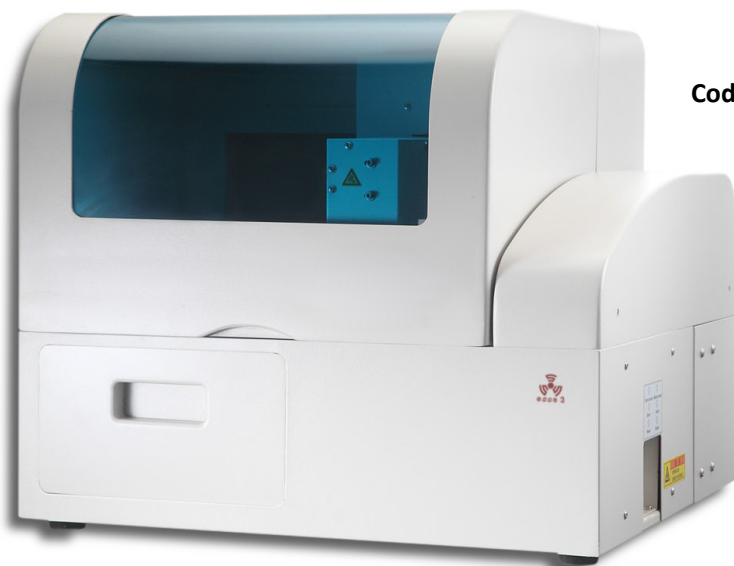


LABORATORY



CUBI

Full automatic biochemistry analyzer



Cod. **CUBI**



With the innovative X+Y+Z dispensing system, the flexible reagent drawer and the sample unit the **CUBI** can be regulated according to the different users' needs, and it is especially designed for those specialized hospitals (fewer test items, more samples), small clinics and emergency department (fewer samples, more test items) and more.

This full automatic biochemistry analyzer with its comprehensive functions will free you from the fatigue of sample and reagent loading.





- Unique and discrete with a X+Y+Z dispensing system, it is a full automatic chemistry analyzer
- Sample & Reagent probe with stirring function
- Automatic probe washing system, liquid level detection & collision protection



- Flexible reagent drawer and sample unit
- The max. reagent position is 50,
The max. sample position is 20+2
- Continuous sample loading
- Refrigerated reagent unit with Peltier elements



- 48 recyclable cuvettes
- Thermostat technology that ensures a temperature of 37°C
- The temperature control variation is $\pm 0.1^\circ\text{C}$



- Automatic 4-step water washing system
- Waste liquid level alarm
- Multi-language





Technical Specifications

System Function	
Throughput	120 T/H (single/double reagent)
Analysis method	Two-point, end-point, kinetic
Analysis item	200 colorimetric items
Sample & Reagent system	
Sample position	20 + 2 positions
Sample & reagent probe	1 independent probe with stirring function
Sample volume	5 ~ 35µl, 1µl stepping
Sample & reagent probe technology	Liquid level detection and X+Y+Z dispensing system
Sample & reagent probe cleaning	Automatic washing both interior and exterior
Reagent position	30 ~ 50, Refrigerated reagent tray
Reagent volume	15~300µl, 1µl stepping
Reagent bottle	15 ml
Reaction system	
Cuvettes specifications	5,8mm optical diameter
Reaction volume	≥ 300µl
Reaction temperature	37°C
Wastewater treatment	Waste liquid level alarm (optional) Purified water level alarm (optional)
Reaction cuvette cleaning	4-step auto washing system
Optical system	
Light source	10W/6V halogen lamps
Spectrophotometry	Forward
8 Wavelengths	340nm, 405nm, 450nm, 510nm, 546nm, 578nm, 630nm, 700nm
Absorption range	0~3.5 Abs
Resolution	0.0001 Abs
Calibration and QC	
Calibration method	1-point linear, 2-point linear, multiple point linear, non-linear method
QC method	Real-time QC, days QC & day QC
Control rule	Westgard multi-rules, L-J plot
Operating system	
Operating system	Windows XP/ Windows 7
Interface	Standard RS-232
Language	Multi-language
Working conditions	
Power supply	AC110~220V, 50/60Hz, 300W
Temperature	15~30°C
Humidity	35-80%
Water consumption	5L/hour
Dimensions	500x440x470mm
Net weight	<40KG



ESSE3 srl, Via Garibaldi 30
 14022 Castelnuovo D.B. (AT)
 Tel +39 011 99 27 706
 Fax +39 011 99 27 506
 e-mail esse3@chierinet.it
 web: www.esse3-medical.com

