

## TECHNICAL SPECIFICATIONS

Item	Technical Parameter	Item	Technical Parameter
<b>Test Principle</b>	Latex Immunoturbidimetry, Immunoturbidimetry, Colorimetry	<b>Analysis Method</b>	Velocity, End-point, Fixed-time
<b>Test Items</b>	Up to 78 items at the same time	<b>Analysis Rate</b>	Constant Speed 400T/H
<b>Reaction Time</b>	12.3min	<b>Sample Volume</b>	2.0-35 $\mu$ L (0.1 $\mu$ L increment)
<b>Sample Tray</b>	90 Sample Positions (including sample, calibrator and controls) Outer: 30 sample positions Median: 30 sample positions Inner: 30 controls and calibrator positions	<b>Reagent</b>	Up to 4 reagents per test item
<b>Reagent Volume</b>	R1: 20.0-300.0 $\mu$ L R2/R3/R4: 0 or 20.0-300.0 $\mu$ L (1 $\mu$ L increment)	<b>Reagent Tray</b>	Reagent Positions: outer: 40 positions inner: 40 positions Reagent Bottle Volume: 20mL, 70mL Refrigeration: circulating water system
<b>Reaction Volume</b>	120.0-360.0 $\mu$ L	<b>Cuvette</b>	Quartz glass: 5*5mm; 90 cuvettes
<b>Photometry</b>	Direct Photometry with multiple wavelengths Light Source: 20w halogen lamp, over 2000 hours Spectrometer: grating Detector: photodiode array Wavelengths: support single/double wavelength among 12 wavelengths 340, 380, 405, 450, 505, 546, 578, 600, 660, 700, 750, 800nm Points: 82 (every 9 seconds) +2 points for reaction cup blank	<b>Stir</b>	High speed stirring, more evenly
<b>Reaction Temperature</b>	Constant temperature control (37.0 $\pm$ 0.2) $^{\circ}$ C	<b>Preheat Time</b>	20min
<b>Application</b>	Calibration: multi-point calibration curve with up to 7 points Dilution: automatic pre-dilution Data Check: basic range check, qualitative judgement	<b>Dimension</b>	1160mm(L)*790mm(W)*1140mm(H)
<b>Max Noise</b>	58dB	<b>Weight</b>	300kg
<b>Water Consumption</b>	No more than 20L purified water per hour		

# CM-400

## BIOCHEMISTRY ANALYZER

**GP Getein Biotech, Inc.**

Add: No.9 Bofu Road, Luhe District, Nanjing, 211505, China  
Tel: +86-25-68568508/68568594  
Fax: +86-25-68568500  
E-mail: sales@getein.com.cn; overseas@getein.com.cn  
Web: www.bio-GP.com.cn

