

Blood Gas System

# GASTAT-700 Model

Made in Japan products guarantee platinum quality



8 models cover the various requirements of critical care

Item	Measurement range	710 710aqp	720 720aqp	730 730aqp	735 735aqp
pH	6.000 - 8.000	•	•	•	•
pCO <sub>2</sub>	10.0 - 200.0 Torr	•	•	•	•
pO <sub>2</sub>	5.0 - 760.0 Torr	•	•	•	•
cNa <sup>+</sup>	50.0 - 200.0 mmol/L	•	•	•	•
cK <sup>+</sup>	1.00 - 20.00 mmol/L	•	•	•	•
cCl <sup>-</sup>	50.0 - 200.0 mmol/L	•	•	•	•
cCa <sup>2+</sup> (iCa)	0.5 - 5.0 mmol/L	•	•	•	•
cGlucose	20 - 1200 mg/dL	•	•	•	•
cLactate	0.4 - 30.0 mmol/L	•	•	•	•
cBili	0.0 - 60.0 mg/dL	•	•	•	•
cHb	2.0 - 23.0 g/dL	•	•	•	•
cHb	2.0 - 23.0 g/dL	•	•	•	•
SO <sub>2</sub>	0.0 - 100.0 %	•	•	•	•
FO-Hb	0.0 - 100.0 %	•	•	•	•
FCO-Hb	0.0 - 100.0 %	•	•	•	•
FMeHb	0.0 - 100.0 %	•	•	•	•
FHb	0.0 - 100.0 %	•	•	•	•
pH(T)		•	•	•	•
pCO <sub>2</sub> (T)		•	•	•	•
pO <sub>2</sub> (T)		•	•	•	•
tHCO <sub>3</sub> -act		•	•	•	•
tHCO <sub>3</sub> -std		•	•	•	•
BE(eof)		•	•	•	•
BE(t)		•	•	•	•
cBE		•	•	•	•
cCO <sub>2</sub> (P)		•	•	•	•
cCO <sub>2</sub> (B)		•	•	•	•
SO <sub>2</sub> (est)		•	•	•	•
BO <sub>2</sub>		•	•	•	•
p50		•	•	•	•
p50(T)		•	•	•	•
p50(4)		•	•	•	•
pO <sub>2</sub> /FO <sub>2</sub>		•	•	•	•
pO <sub>2</sub> (A)		•	•	•	•
pO <sub>2</sub> (A)(T)		•	•	•	•
pO <sub>2</sub> (A-a)		•	•	•	•
pO <sub>2</sub> (A-a)(T)		•	•	•	•
pO <sub>2</sub> (a-a)		•	•	•	•
pO <sub>2</sub> (a-a)(T)		•	•	•	•
pO <sub>2</sub> (e/a)		•	•	•	•
pO <sub>2</sub> (e/a)(T)		•	•	•	•
RI		•	•	•	•
RI(T)		•	•	•	•
cO <sub>2</sub> (i)		•	•	•	•
cO <sub>2</sub> (B)		•	•	•	•
cO <sub>2</sub> (V)		•	•	•	•
cO <sub>2</sub> (e-v)		•	•	•	•
cO <sub>2</sub> (e-v)(a)		•	•	•	•
Hct		•	•	•	•
AG		•	•	•	•
AG(K)		•	•	•	•
cCa <sup>2+</sup> (T-4)(iCa (7.4))		•	•	•	•
Model		Syringe	Capillary		
GASTAT-710(720)(aqp)		195µL	80µL		
GASTAT-730(735)(aqp)		195µL	100µL		
Micro Mode (All model)		40µL			
GASTAT-710(720)(aqp)		About 60 seconds			
GASTAT-730(aqp)		About 70 seconds			
GASTAT-735(aqp)		About 85 seconds			
GASTAT-710(720)(aqp)		About 120 seconds			
GASTAT-730(aqp)		About 190 - 265 seconds (Time varies depending on ClCl <sub>2</sub> concentration in blood)			
GASTAT-735(aqp)		About 210 - 290 seconds (Time varies depending on ClCl <sub>2</sub> concentration in blood)			
Display	Color LCD display / Touch panel				
Entered parameter	Patient ID, Patient Temp, Sample Type, FIO <sub>2</sub> , Height, Weight, Sex, Age				
Calibration	Automatic, programmable 1 and 2 point calibration				
Reagent, waste volume detection	Automatic integrate detection method				
Data storage	10,000 samples				
Printer	Line thermal				
Interface	TCP/IP				
Barcode reader	Built-in (12 kinds of barcode are available)				
Operating temperature	10 - 30				
Humidity	20 - 80%				
Power	AC 85 - 264V 50/60Hz 240W Built-in battery				
Dimensions	400 (W) x 575 (D) x 635 (H) mm				
Weight	28 kg				

Note: Specification may change without prior notice.

Manufacturer

Techno Medica Co., Ltd.

5-5-1 Nakamachidai, Tsuzuki-ku, Yokohama, Kanagawa, 224-0041 Japan  
 PHONE +81-45-948-1961 FAX +81-45-948-1962  
 E-mail overseas@technomedica.co.jp  
 WEB http://technomedica.co.jp

Distributor

KJK BIOMED  
 (A JK GROUP OF COMPANY)

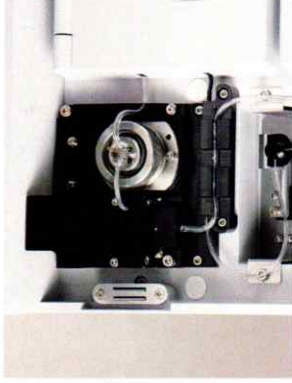
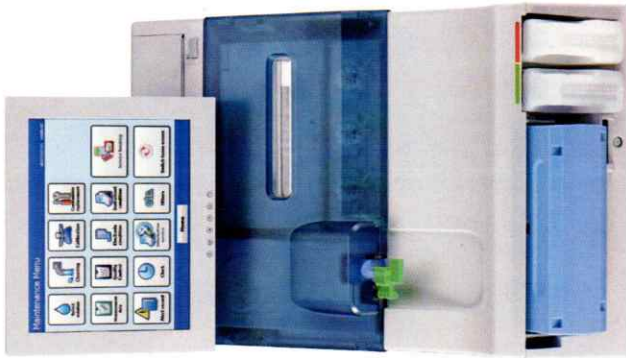
H.O. # 157, 1st Floor, 12th Main Naganendra Block, BSK 3rd Stage Bangalore - 560050.  
 B.O. # 55/1, 1st Floor, 2nd Main, 6th Cross Byatarayanapura, Bangalore - 560026.  
 Ph. : 080-2675572, 26758990, Mob. : 099020 02455  
 Mail ID : info@kbiomed.com, varadharajan@kbiomed.com

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# GASTAT-700Model

## Features

- ▶ The 12 inch color touch panel conveniently displays easy-to follow guidance for every operation
- ▶ Delivers results in 60 seconds \*  
\*Model GASTAT-710/720
- ▶ Acid-base graph available
- ▶ Throw-in-type printer realizes easy paper roll replacement
- ▶ Save mode reduces reagent consumption during less sample time and operating cost
- ▶ Automatic Quality Control conveniently guarantees accuracy of test results
- ▶ Built-in PC functionality for intercommunicate without using external PC
- ▶ Built-in battery enables 30 minutes stable operation or 5 samples analysis under power failure



### New Parameter ctBil

Newly developed ultrasonic hemolysis method delivers accurate sample results to newly added bilirubin & CO-Oxy parameters \*

\*Model GASTAT-735/735aqc



### Smart Self-diagnostic Function

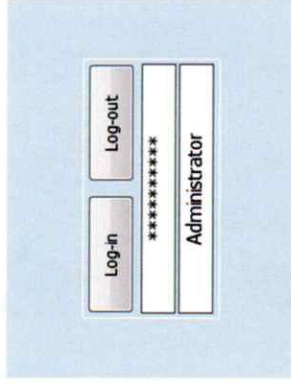
Smart and informative self-diagnostic function provides various kinds of instrument status information, which is useful for quick troubleshooting and minimizes instrument downtime in case of error.



### Super Long Lifetime Glc/Lac Electrode

On-board lifetime of glucose / lactate electrode is 3 months, which realizes super low running cost. No membrane replacement and no inner solution refill are required.

\*Model GASTAT-730/730aqc/735/735aqc



### Operator Lock Function

The system accepts unlimited number of User ID with 3 different privilege levels, which refrains unauthorized / untrained personnel from accessing the system.

## Easy 2 steps operation



### STEP 1

Mount either syringe or capillary on the sample inlet.



### STEP 2

Select sample type and then press Analysis icon.

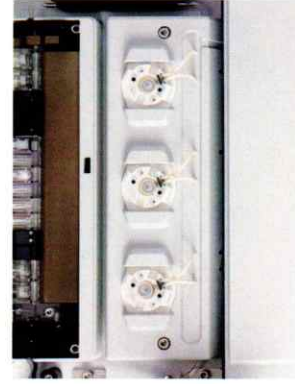


Test results are reported on both display and paper print out.



### Minimize Infection Risk

Fully automatic hands free sampling function greatly reduces risk of infection.



### Easy to use, Easy to maintain

Pump head (tube) can be replaced by a few touches only. Workload for consumable replacement can be greatly reduced.