

GS300Plus





- 01 General Features
- 02 Advantages and Benefits
- 03 Market Positions

1



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WP21B/E



WP21A



GS100



GS200



GS300Plus



GS480A





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GS300Plus

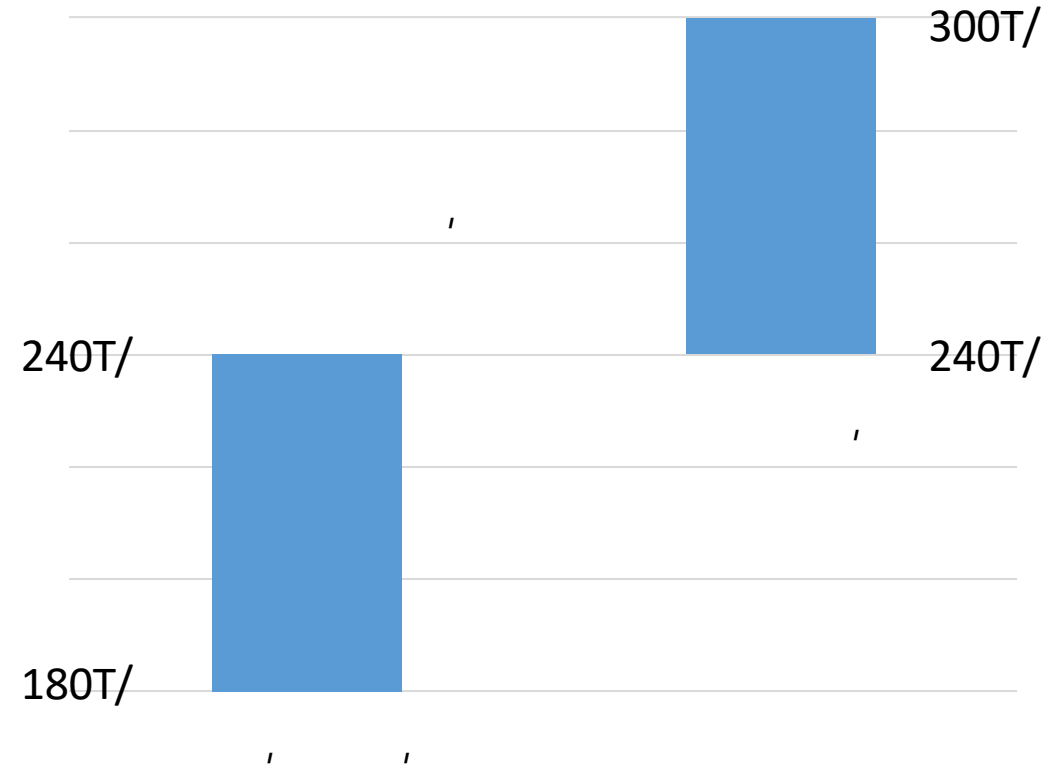


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240

, 300



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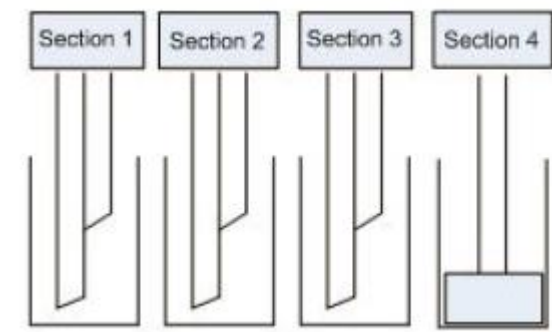


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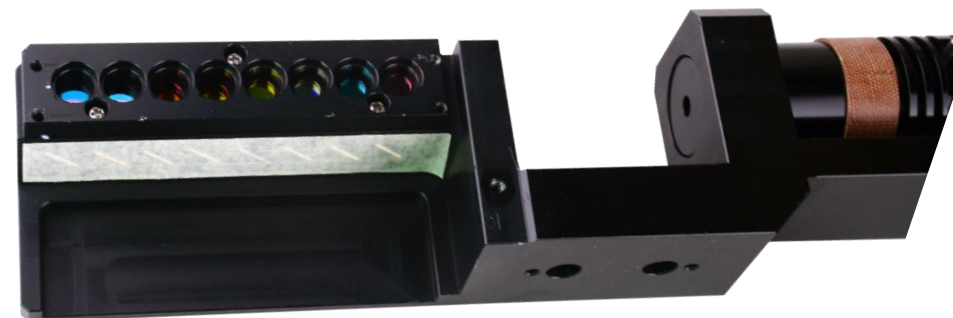
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- 1 :
- 2 3 :
- 4 : , ,



NO.	A	B	C	D	E
1	53211.96	48048.12	50142.85	48330.15	43559.12
2	52926.54	48818.7	49621.2	48100.86	44095.1
3	52216.95	50465.24	47905.93	47180.26	44584.03
4	56	63.91	46.08	50.2	58.2
5	49.17	41.45	42.98	38.35	42.09
6	47.65	40.45	40.23	81.34	35.81
,	0.0032%	0.0090%	0.0022%	0.0120%	0.0086%
,	0.5%	0.5%	0.5%	0.5%	0.5%

- , ,
- 8 : 340 , 405 , 450 , 510 , 546 , 578 , 630 , 670
- , ,
- ,



	4.0A	> 2.3A
Abs	0-4.0A	Abs \geq 2.0A (\pm 5%)
Abs	CV < 0.5%	CV < 1.5%
Abs	$\Delta \leq 0.01$	$\Delta \leq 0.01$

*

YY/T 0654-2017

Hardware features

Reliable Performance

Sample: Randox QC
N= 20

	TBIL	TP	UREA	ALT	CREA	ALB	GGT
Mean	0.94	1.69	0.09	1.31	2.67	0.25	0.95
SD	25.21	139.13	5.39	33.4	119.95	36.89	39.8
CV	3.73%	1.21%	1.72%	3.93%	2.22%	0.68%	2.39%



Clinic Data

Xili

N= 20

A

NO.	TP	UA	ALB	AST	ALT	GGT	UREA
	56.56	194.5355	36.545	17.87	25	40.65	3.1175
SD	1.59	4.64	0.37	0.66	0.86	0.75	0.06
CV	2.80%	2.39%	1.01%	3.71%	3.43%	1.83%	2.06%

B

NO.	TP	UA	ALB	AST	ALT	GGT	UREA
	93.2	394.021	44.51	43.725	93.2	50.5	6.3605
SD	1.105013	5.156204	0.491935	0.8626	1.105013	0.82717	0.109807
CV	1.19%	1.31%	1.11%	1.97%	1.19%	1.64%	1.73%



Clinic Data

GS

GS Autochemistry System

Username
admin

Password

Startup Procedure Backup/Restore

The screenshot shows the Genru software interface. At the top, there are navigation tabs: Sample Data, Reagent Data, Reaction Data, and Test List. The main area features a circular well plate diagram with a legend for well status: Normal (grey), Inexp/Okem (yellow), Depleted (red), Expired (purple), and Unavailable (orange). A table on the right displays reagent information:

Chemistry	Exp Type	Pos	Tests Left	Reagent
ACT	62	1-2	600	Name: AST_B1 Specification: 30 Exp Date: 11/9/2017 Lot No: 20001204 Uncap Time: Day Volume Unit: 30.00 Remaining: 304 Day

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Genru

Sample Disk Reagent Disk Reagent Status

Disk 1

Filter conditions

Chemistry Tests Left (s) Days left (s) Residue Volume (s)

Chemistry	Cal Status	Calibration Date	Reagent Name	Rgt Type	Position	Tests Left	Residue volume (ml)	Days left	Specification	Exp Date	Lot No.
			Diluent		45		30.00	141	30	2018/06/01	
ALB	Calibrated	2017/08/08	ALB_R1	R1	51	96	38.43	426	60	2019/03/13	
ALP	Calibrated	2017/08/08	ALP_R1	R1	48	195	62.57	706	60	2019/12/18	
ALP	Calibrated	2017/08/08	ALP_R2	R2	3	457	36.58	649	30	2019/10/22	
ALT	Calibrated	2016/12/14	ALT_R2	R2	1	377	30.20	936	30	2020/08/04	
ALT	Calibrated	2016/12/14	ALT_R1	R1	46	92	29.70	706	60	2019/12/18	
AMY	Calibrated	2016/12/14	AMY_R1	R1	81	187	60.00	245	60	2018/09/13	
AMY	Calibrated	2016/12/14	AMY_R2	R2	36	375	30.00	301	30	2018/11/08	
AST	Calibrated	2016/12/14	AST_R1	R1	47	99	31.74	761	60	2020/02/11	
AST	Calibrated	2016/12/14	AST_R2	R2	2	381	30.56	677	30	2019/11/19	
CK	Calibrated	2016/12/14	CK_R1	R1	79	187	60.00	362	60	2019/01/08	
CK	Calibrated	2016/12/14	CK_R2	R2	34	375	30.00	700	30	2019/12/12	
CK-MB			CK-MB_R1	R1	82	187	60.00	294	60	2018/11/01	
CK-MB			CK-MB_R2	R2	37	375	30.00	118	30	2018/05/09	
CREA	Calibrated	2017/08/11	CREA_R1	R1	65	205	65.82	448	60	2019/04/04	
CREA	Calibrated	2017/08/11	CREA_R2	R2	20	460	36.84	370	30	2019/01/16	

Inventory Reset Close

Genru

06/30/2018 Saturday 13:10:04

Sample Disk Reagent Disk Reaction Disk Test List

Disk 1

Sample Information

Sample position: 4 Test Type: Sample
 Sample ID: 4 Type: Serum
 Patient Name: Barcode:

<input type="checkbox"/>	Chem	Result	Unit	Resp	Cuv No.	Rerun	Sample Blank	Dilution Ratio	Finish Time	Comment
<input type="checkbox"/>	TP	0	g/L	8.21	1	<input type="checkbox"/>	<input type="checkbox"/>	1	06/26/2018 17:28:03 PM	Finished
<input type="checkbox"/>	TP	0	g/L	8.04	58	<input type="checkbox"/>	<input type="checkbox"/>	1	06/26/2018 17:36:45 PM	Finished

Barcode Scan Delete Release Release Part **Add** Reaction Curve Rerun



Genru!

2018/01/11
Thursday
21:04:28

Test Statistics | Workload Statistics | **Charge Statistics**

Statistical Condition

Select Charge Statistics Cost Statistics

Request Date: 8/1/2017 -- 1/11/2018

Statistics | Print

Request Date	Name	Sample ID	Chemistry number	Completion	Total Cost	Total Charge	Total Profit
12/31/2017		12	3	3	6	10	4
12/31/2017		13	3	3	6	10	4
12/31/2017		14	3	3	6	10	4
12/31/2017		15	3	3	6	10	4
12/31/2017		16	3	3	6	10	4
12/31/2017		17	3	3	6	10	4
12/31/2017		18	3	3	6	10	4
12/31/2017		19	3	3	6	10	4
12/31/2017		20	3	3	6	10	4
12/31/2017		21	3	3	6	10	4
12/31/2017		22	3	3	6	10	4
12/31/2017		23	3	3	6	10	4
12/31/2017		24	3	3	6	10	4
12/31/2017		25	3	3	6	10	4
12/31/2017		26	3	3	6	10	4
12/31/2017		27	3	3	6	10	4
12/31/2017		28	3	3	6	10	4
12/31/2017		29	3	3	6	10	4
12/31/2017		30	3	3	6	10	4
12/31/2017		31	3	3	6	10	4
Total			79290	79194	148568	252848	104280

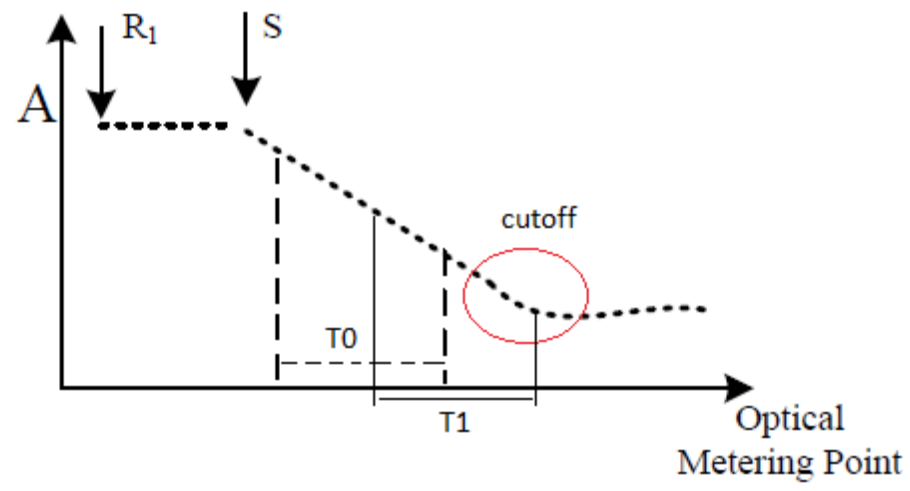
Contaminator			Contaminated		
AST			LDH		
Chemistry	Rgt Type	Pollution Chemistries	Chemistry	Rgt Type	Contaminated Cuvette
ALT	R1		ALB	<input type="checkbox"/> R1	<input type="checkbox"/>
ALT	R2		ALP	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
TP	R1		LDH	<input checked="" type="checkbox"/> R1 <input checked="" type="checkbox"/> R2	<input type="checkbox"/>
TP	R2		CK-MB	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
DBIL	R1		APOB	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
DBIL	R2		AST	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>
UREA	R1		CK	<input type="checkbox"/> R1 <input type="checkbox"/> R2	<input type="checkbox"/>



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1. ALT (IFCC)、AST (IFCC)
2. CK (NAC method)

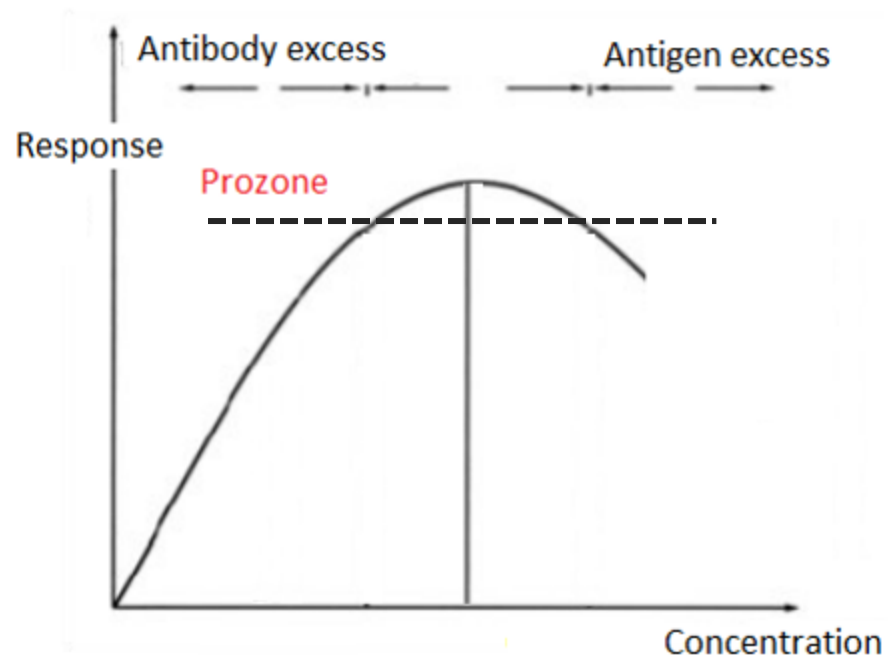
LDH
GLU



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PA , APOA1, APOB, IgA, IgG, IgM, C3, C4, . .



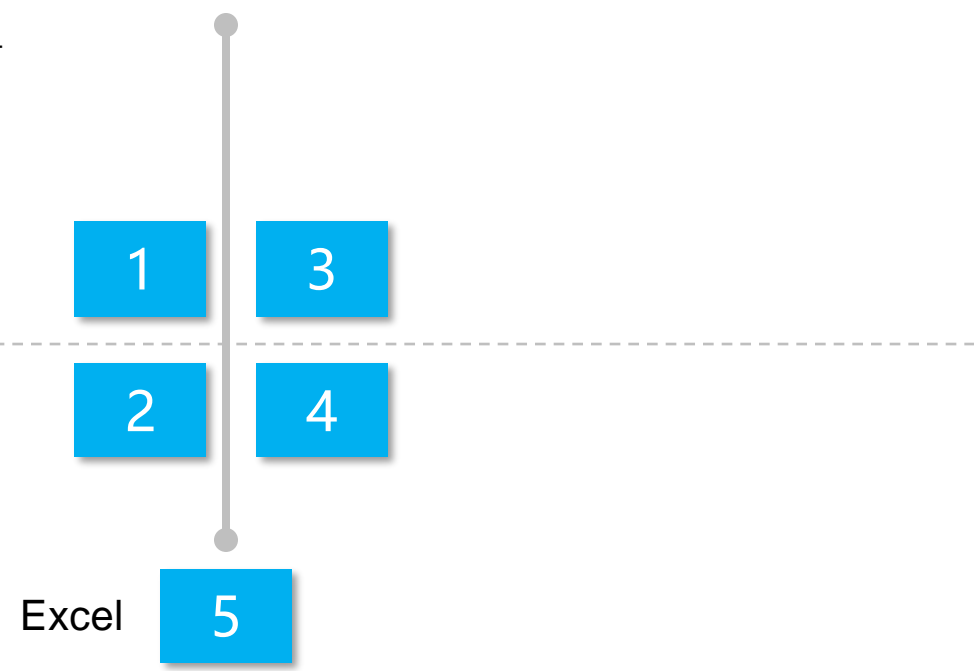


LAN
Ethernet RJ45



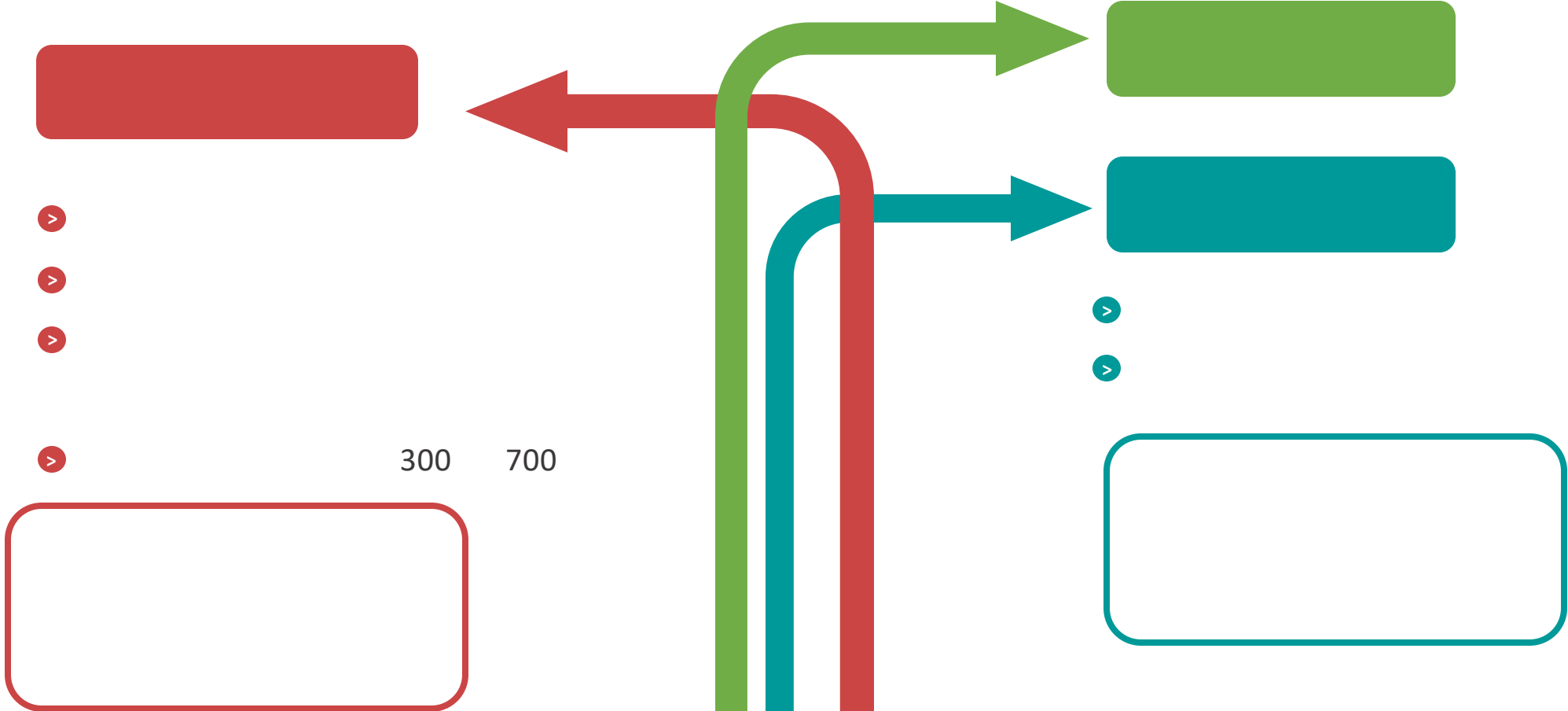
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	880 × 650 × 570 (× ×)
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GS300Plus ?



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