



Analyser Options

Available options for GAS analysers



Options (build in to the system)	code	ER													
		ER100	ER110	ER120	ER200	ER215	ER300	ER315	ER400	ER415	ER500	ER515	ER600	ER610	ER625
Valves - all rotary valves	A				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Valves - all rotary valves - purged edition	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar + vacuum sampling	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar	E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar + vacuum sampling	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - High N84.4 - 4 mbar + vacuum sampling	G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stop sample flow valve - solenoid	H				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stop sample flow valve - rotary/diaphragm	I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stop sample flow valve - rot/diaph. flow through	J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sample out - single rotameter	K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sample out - multiple rotameter (all sample out)	L														
Sample in/out - custom position	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inline pressure sensor	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moisture sensor (low)	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moisture sensor (High)	P				✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19" rack handles (CGC)	W					✓		✓		✓		✓			✓
19" rack - to be defined (CGC)	X					✓		✓		✓		✓			✓
Power cable typ defined	Y	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EU version GCe.c.	Z	✓	✓	✓	✓		✓		✓		✓		✓	✓	
Dursan upgrade	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hastelloy C upgrade	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RVS option (no sulfinert tubing used)	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

Available: ✓

	Group:	ES														
		Basecode:	ES100	ES110	ES120	ES130	ES140	ES155	ES165	ES200	ES210	ES220	ES230	ES300	ES310	ES325
Options (built in to the system)	code															
Valves - all rotary valves	A	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
Valves - all rotary valves - purged edition	B	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓	✓	
Pump - Standard NMP830 - 250 mBar	C	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Pump - Standard NMP830 - 250 mBar + vacuum sampling	D	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Pump - Mid KNF-N86 - 100mBar	E	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Pump - Mid KNF-N86 - 100mBar + vacuum sampling	F	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Pump - High N84.4 - 4 mbar + vacuum sampling	G	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Stop sample flow valve - solenoid	H	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Stop sample flow valve - rotary/diaphragm	I	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Stop sample flow valve - rot/diaph. flow through	J	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Sample out - single rotameter	K	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Sample out - multiple rotameter (all sample out)	L															
Sample in/out - custom position	M	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Inline pressure sensor	N	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Moisture sensor (low)	O	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Moisture sensor (High)	P	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Hydrogen sensor - passive (TRC)	Q								✓	✓	✓	✓	✓	✓	✓	
Hydrogen sensor - active (TRC/ CGC)	R								✓	✓	✓	✓	✓	✓	✓	
TRC GC Cryo - LN2	S												✓			
TRC GC Cryo - LN2 + AuxT	T										✓	✓				
TRC GC Cryo - CO2	U												✓			
TRC GC Cryo - CO2 + AuxT	V										✓	✓				
19" rack handles (CGC)	W						✓	✓							✓	
19" rack - to be defined (CGC)	X						✓	✓							✓	
Power cable typ defined	Y	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
EU version GC e.c.	Z	✓	✓	✓	✓	✓			✓	✓	✓	✓	✓	✓	✓	
120 vial arm upgrade	1								✓	✓						
240 vial arm upgrade	2								✓	✓						
IPV kit upgrade	3								✓	✓						
Dursan upgrade	4	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
Hastelloy Cupgrade	5	✓	✓	✓	✓	✓	✓	✓					✓	✓	✓	
RVS option (no sulfiner tubing used)	6	✓	✓	✓	✓	✓	✓	✓								

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

Available ✓

	Group:	PG																	
	Basecode:	PG100	PG115	PG200	PG215	PG300	PG310	PG400	PG410	PG425	PG500	PG510	PG525	PG600	PG610	PG625	PG700	PG800	PG815
Options (build in to the system)	code																		
Valves - all rotary valves	A	✓	✓	✓	✓	✓	✓				✓		✓	✓	✓	✓		✓	✓
Valves - all rotary valves - purged edition	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar	C	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar + vacuum sampling	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar	E	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar + vacuum sampling	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Pump - High N84.4 - 4 mbar + vacuum sampling	G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Stop sample flow valve - solenoid	H	✓	✓	✓	✓	✓	✓				✓		✓	✓	✓	✓		✓	✓
Stop sample flow valve - rotary/diaphragm	I	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Stop sample flow valve - rot/diaph. flow through	J	✓		✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sample out - single rotameter	K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Sample out - multiple rotameter (all sample out)	L																		
Sample in/out - custom position	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Inline pressure sensor	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Moisture sensor (low)	O	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Moisture sensor (High)	P	✓	✓	✓	✓								✓	✓	✓	✓		✓	✓
Hydrogen sensor - passive (TRC)	Q	✓		✓		✓	✓				✓	✓		✓	✓			✓	
Hydrogen sensor - active (TRC / CGC)	R	✓	✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	✓		✓	✓
TRC GC Cryo - LN2	S													✓	✓				✓
TRC GC Cryo - LN2 + AuxT	T																	✓	
TRC GC Cryo - CO2	U													✓	✓				✓
TRC GC Cryo - CO2 + AuxT	V																	✓	
19" rack handles (CGC)	W		✓		✓					✓			✓				✓		✓
19" rack - to be defined (CGC)	X		✓		✓					✓			✓				✓		✓
Power cable typ defined	Y	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EU version GC e.c.	Z	✓		✓		✓	✓	✓	✓		✓	✓		✓	✓		✓	✓	
Dursan upgrade	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓
Hastelloy Cupgrade	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RVS option (no sulfinert tubing used)	6	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓	✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

Options (build in to the system)	Group:	PF																						
	Basecode:	PF100	PF110	PF120	PF130	PF200	PF210	PF220	PF230	PF240	PF250	PF300	PF310	PF400	PF410	PF420	PF430	PF500	PF600	PF610	PF700	PF710	PF720	
code																								
Valves - all rotary valves	A												✓	✓										
Valves - all rotary valves - purged edition	B												✓	✓										
TRCGC Cryo - LN2	S																							
TRCGC Cryo - LN2 + AuxT	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
TRCGC Cryo - CO2	U																							
TRCGC Cryo - CO2 + AuxT	V	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓													
Power cable typ defined	Y	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EU version GCe.c.	Z	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dursan upgrade	4												✓	✓										
Hastelloy C upgrade	5												✓	✓										
RVS option (no sulfinert tubing used)	6												✓	✓										
VUV on the right side of the GC	VUV1					✓	✓	✓	✓	✓	✓													
Additional complete spectral library	VUV2					✓	✓	✓	✓	✓	✓													
Additional PIONA+ Analyze application	VUV3						✓	✓	✓	✓	✓													
Additional VHA Analyze application	VUV4					✓	✓			✓	✓													
Additional Jet Analyze application	VUV5					✓	✓	✓			✓	✓												
Additional Diesel Analyze application	VUV6					✓	✓	✓	✓			✓												
VUVision Software - Single License Add-on	VUV7					✓	✓	✓	✓	✓	✓													
VUV Analyze - Single License Add-on	VUV8					✓	✓	✓	✓	✓	✓													

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

Options (build in to the system)	Group: PD								
	Basecode:	PD100	PD110	PD120	PD130	PD140	PD200	PD210	PD220
code									
TRC GC Cryo - LN2	S								
TRC GC Cryo - LN2 + AuxT	T	✓	✓	✓	✓	✓			
TRC GC Cryo - CO2	U								
TRC GC Cryo - CO2 + AuxT	V	✓	✓	✓	✓	✓			
Power cable typ defined	Y	✓	✓	✓	✓	✓	✓	✓	✓
EU version GCe.c.	Z	✓	✓	✓	✓	✓	✓	✓	✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

Available ✓

	Group:	CG											
	Basecode:	CG100	CG110	CG120	CG200	CG300	CG310	CG400	CG500	CG515	CG600	CG700	CG800
Options (build in to the system)	code												
Valves - all rotary valves	A				✓	✓	✓	✓	✓	✓		✓	✓
Valves - all rotary valves - purged edition	B	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar + vacuum sampling	D	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar	E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar + vacuum sampling	F	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pump - High N84.4 - 4 mbar + vacuum sampling	G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stop sample flow valve - solenoid	H				✓	✓	✓	✓	✓				✓
Stop sample flow valve - rotary/diaphragm	I	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Stop sample flow valve - rot/diaph. flow through	J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sample out - single rotameter	K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Sample out - multiple rotameter (all sample out)	L												
Sample in/out - custom position	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Inline pressure sensor	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Moisture sensor (low)	O	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓
Hydrogen sensor - passive (TRC)	Q					✓	✓	✓					
Hydrogen sensor - active (TRC / CGC)	R					✓	✓	✓					
19" rack handles (CGC)	W									✓			
19" rack - to be defined (CGC)	X									✓			
Power cable typ defined	Y	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
EU version GCe.c.	Z	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Dursan upgrade	4	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Hastelloy C upgrade	5	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
RVS option (no sulfinert tubing used)	6	✓	✓	✓	✓			✓	✓	✓	✓		✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

	Group:	CL			
	Basecode:	CL100	CL200	CL300	CL315
Options (build in to the system)	code				
Valves - all rotary valves	A			✓	✓
Valves - all rotary valves - purged edition	B	✓		✓	✓
Pump - Standard NMP830 - 250 mBar	C	✓		✓	✓
Pump - Standard NMP830 - 250 mBar + vacuum sampling	D	✓		✓	✓
Pump - Mid KNF-N86 - 100mBar	E	✓		✓	✓
Pump - Mid KNF-N86 - 100mBar + vacuum sampling	F	✓		✓	✓
Pump - High N84.4 - 4 mbar + vacuum sampling	G	✓		✓	✓
Stop sample flow valve - solenoid	H			✓	✓
Stop sample flow valve - rotary/diaphragm	I	✓		✓	✓
Stop sample flow valve - rot/diaph. flow through	J	✓		✓	✓
Sample out - single rotameter	K	✓		✓	✓
Sample out - multiple rotameter (all sample out)	L				
Sample in/out - custom position	M	✓		✓	✓
Inline pressure sensor	N	✓		✓	✓
Moisture sensor (low)	O	✓		✓	✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

	Group:		CL			
	Basecode:		CL100	CL200	CL300	CL315
Options (build in to the system)	code					
TRC GC Cryo - LN2	S				✓	
TRC GC Cryo - LN2 + AuxT	T					
TRC GC Cryo - CO2	U			✓		
TRC GC Cryo - CO2 + AuxT	V					
19" rack handles (CGC)	W					✓
19" rack - to be defined (CGC)	X					✓
Power cable typ defined	Y	✓	✓	✓	✓	
EU version GCe.c.	Z	✓	✓	✓		
Dursan upgrade	4	✓		✓	✓	
Hastelloy C upgrade	5	✓		✓	✓	
RVS option (no sulfinert tubing used)	6	✓				
VUV on the right side of the GC	VUV1		✓			
Additional complete spectral library	VUV2		✓			
Additional PIONA+ Analyze application	VUV3		✓			
Additional VHA Analyze application	VUV4		✓			
Additional Jet Analyze application	VUV5		✓			
Additional Diesel Analyze application	VUV6		✓			
VUVision Software - Single License Add-on	VUV7		✓			
VUV Analyze - Single License Add-on	VUV8		✓			

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

	Group:		
	Basecode:	CP	
		CP100	CP200
Options (build in to the system)	code		
Power cable typ defined	Y	✓	✓
EU version GCe.c.	Z	✓	✓
120 vial arm upgrade	1	✓	
240 vial arm upgrade	2	✓	
VUV on the right side of the GC	VUV1		✓
Additional complete spectral library	VUV2		✓
Additional PIONA+ Analyze application	VUV3		✓
Additional VHA Analyze application	VUV4		✓
Additional Jet Analyze application	VUV5		✓
Additional Diesel Analyze application	VUV6		✓
VUVision Software - Single License Add-on	VUV7		✓
VUV Analyze - Single License Add-on	VUV8		✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

Available ✓

	Group:	EV						
		Basecode:	EV100	EV115	EV200	EV210	EV300	EV315
Options (build in to the system)	code							
Valves - all rotary valves	A		✓	✓		✓	✓	
Valves - all rotary valves - purged edition	B		✓	✓		✓	✓	✓
Pump - Standard NMP830 - 250 mBar	C			✓		✓	✓	✓
Pump - Standard NMP830 - 250 mBar + vacuum sampling	D			✓		✓	✓	
Pump - Mid KNF-N86 - 100mBar	E			✓		✓	✓	✓
Pump - Mid KNF-N86 - 100mBar + vacuum sampling	F			✓		✓	✓	
Pump - High N84.4 - 4 mbar + vacuum sampling	G			✓		✓	✓	
Stop sample flow valve - solenoid	H			✓		✓	✓	
Stop sample flow valve - rotary/diaphragm	I			✓		✓	✓	✓
Stop sample flow valve - rot/diaph. flow through	J			✓		✓	✓	✓
Sample out - single rotameter	K			✓		✓	✓	✓
Sample out - multiple rotameter (all sample out)	L							
Sample in/out - custom position	M			✓		✓	✓	✓
Inline pressure sensor	N			✓		✓	✓	✓
Moisture sensor (low)	O		✓	✓		✓	✓	
Moisture sensor (High)	P					✓	✓	
Hydrogen sensor - passive (TRC)	Q			✓				
Hydrogen sensor - active (TRC/ CGC)	R			✓				
19" rack handles (CGC)	W		✓				✓	
19" rack - to be defined (CGC)	X		✓				✓	
Power cable typ defined	Y	✓	✓	✓	✓	✓	✓	✓
EU version GC e.c.	Z	✓		✓	✓	✓		✓
120 vial arm upgrade	1				✓			
240 vial arm upgrade	2				✓			
IPV kit upgrade	3							
Dursan upgrade	4	✓	✓	✓		✓	✓	✓
Hastelloy C upgrade	5	✓	✓	✓		✓	✓	✓
RVS option (no sulfinert tubing used)	6	✓	✓	✓		✓	✓	✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

Available ✓

	Group:	CR				
	Basecode:	CR105	CR200	CR215	CR300	CR310
Options (build in to the system)	code					
Valves - all rotary valves	A	✓	✓	✓	✓	✓
Valves - all rotary valves - purged edition	B	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar	C	✓	✓	✓	✓	✓
Pump - Standard NMP830 - 250 mBar + vacuum sampling	D	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar	E	✓	✓	✓	✓	✓
Pump - Mid KNF-N86 - 100mBar + vacuum sampling	F	✓	✓	✓	✓	✓
Pump - High N84.4 - 4 mbar + vacuum sampling	G	✓	✓	✓	✓	✓
Stop sample flow valve - solenoid	H	✓	✓	✓	✓	✓
Stop sample flow valve - rotary/diaphragm	I	✓	✓	✓	✓	✓
Stop sample flow valve - rot/diaph. flow through	J	✓	✓	✓	✓	✓
Sample out - single rotameter	K	✓	✓	✓	✓	✓
Sample out - multiple rotameter (all sample out)	L					
Sample in/out - custom position	M	✓	✓	✓	✓	✓
Inline pressure sensor	N	✓	✓	✓	✓	✓
Moisture sensor (low)	O	✓	✓	✓	✓	✓
Moisture sensor (High)	P	✓	✓	✓	✓	✓
19" rack handles (CGC)	W	✓		✓		
19" rack - to be defined (CGC)	X	✓		✓		
Power cable typ defined	Y	✓	✓	✓	✓	✓
EU version GC e.c.	Z		✓		✓	✓
Dursan upgrade	4	✓	✓	✓	✓	✓
Hastelloy Cupgrade	5	✓	✓	✓	✓	✓
RVS option (no sulfinert tubing used)	6	✓	✓	✓	✓	✓

Example:
 ES100-HK:
 GC1600-230V
 + stop-flow valve (solenoid)
 + single rotameter

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