

# Instrument Specifications For ESS Analysers

From <http://www.gas-analyser.co.uk>

## Process Gas Analysers

Item	GeneSys P
Open Ion Source	Standard
Gas Tight Ion Source	Option *
Capillary Inlet	Standard
Membrane Inlet	Option
Dual Inlet or Cap. & Membrane	Option *
Navigator™	Option *
User / ESS Task Scripting	Standard / Option *
DDE Linking	Standard
Remote Diagnostics	Standard
Host PC	Standard
TD/MS Link	Option *
TGA/MS Link	Option *
Analogue Inputs	Standard 2 off 10-0-10V
Analogue Outputs	Standard 4 off 5-0-5V
Digital Inputs	Standard 2 off TTL
Digital Outputs	Standard 2 off volt free contacts
Additional I/O	Standard up to 16 channels 1-5V or 4-20mA

*\* denotes additional cost options. Non \* options are available within standard system price*



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## Lab & Pilot Scale Analysers

Item	GeneSys I	GeneSys II
Open Ion Source	N/A	Standard
Gas Tight Ion Source	Standard	Option *
Capillary Inlet	Standard	Standard
Membrane Inlet	Option	Option
Dual Inlet or Cap. & Membrane	Option *	Option *
Navigator™	Option *	Option *
User / ESS Task Scripting	Standard / Option *	Standard / Option *
DDE Linking	Standard	Standard
Remote Diagnostics	Option *	Option *
Host PC	Standard	Standard
TD/MS Link	Option *	Option *
TGA/MS Link	Option *	Option *
Analogue Inputs	Standard 2 off 10-0-10V	Standard 2 off 10-0-10V
Analogue Outputs	Standard 4 off 5-0-5V	Standard 4 off 5-0-5V
Digital Inputs	Standard 2 off TTL	Standard 2 off TTL
Digital Outputs	Standard 2 off volt free contacts	Standard 2 off volt free contacts
Additional I/O	Option to user specification *	Option to user specification *

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## Man Portable MS Systems

Item	EcoSys-P
Open Ion Source	Option
Gas Tight Ion Source	Standard
Capillary Inlet	Standard
Membrane Inlet	Option
Dual Inlet or Cap. & Membrane	Option *
Navigator™	Option *
User / ESS Task Scripting	Standard / Option *
DDE Linking	Standard
Remote Diagnostics	Standard
Host PC	Standard
TD/MS Link	Option *
TGA/MS Link	Option *
Analogue Inputs	Standard 2 off 10-0-10V
Analogue Outputs	Standard 4 off 5-0-5V
Digital Inputs	Standard 2 off TTL
Digital Outputs	Standard 2 off volt free contacts
Additional User I/O	Option to user specification *
Battery Pack / UPS	Option *
Vehicle Power Adaptor (12VDC)	Option *

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## Atmospheric Monitoring Systems:

Item	GeneSys A
Open Ion Source	N/A
Gas Tight Ion Source	Standard
Capillary Inlet	N/A
Membrane Inlet	Standard
Dual Inlet or Cap. & Membrane	Option *
Navigator™	Option *
User / ESS Task Scripting	Standard / Option *
DDE Linking	Standard
Remote Diagnostics	Standard
Host PC	Standard
TD/MS Link	Standard
TGA/MS Link	N/A
Analogue Inputs	Standard 2 off 10-0-10V
Analogue Outputs	Standard 4 off 5-0-5V
Digital Inputs	Standard 2 off TTL
Digital Outputs	Standard 2 off volt free contacts
Additional I/O	Option to user Specification *

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## Brewing Gas Analysis

Item	UniSys P
Open Ion Source	N/A
Gas Tight Ion Source	Standard
Capillary Inlet	N/A
Membrane Inlet	Standard
Dual Inlet or Cap. & Membrane	Option *
Navigator™	Option *
User / ESS Task Scripting	Standard / Option *
DDE Linking	Standard
Remote Diagnostics	Standard
Host PC	Standard
TD/MS Link	Standard
TGA/MS Link	N/A
Analogue Inputs	Standard 2 off 10-0-10V
Analogue Outputs	Standard 4 off 5-0-5V
Digital Inputs	Standard 2 off TTL
Digital Outputs	Standard 2 off volt free contacts
Additional I/O	Option to user Specification *

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Leak Detection Systems:

Item	LeakSys
Open Ion Source	Standard
Gas Tight Ion Source	Option
Capillary Inlet	Standard
Membrane Inlet	N/A
Dual Inlet Handset Operation	Option *
Automation Program with GUI	Standard
DDE Linking	Standard
Remote Diagnostics	Option *
Host PC	Standard
Head down Probe Display	Option
Alarm Sounder	Standard
Analogue Inputs	Standard 2 off 10-0-10V
Analogue Outputs	Standard 4 off 5-0-5V
Digital Inputs	Standard 2 off TTL
Digital Outputs	Standard 2 off volt free contacts
Additional I/O	Option to user Specification *

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