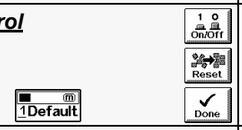
LC System

Settings

Runtimes
- Stoptime [min]
- Posttime [min]

Module runtime settings override LC settings

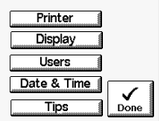
Control



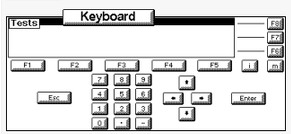
Configure

Auto-On [month/day/time]
- ☑ turn on Module/LC System
- ☑ load Method

After Error Condition:
- ☑ turn off Module/LC System
- ☑ run Method



Tests



Quat Pump

Settings

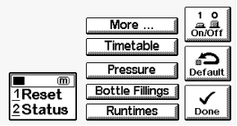
Solvent Composition
- %B, %C, %D

%A = 100-%B-%C-%D

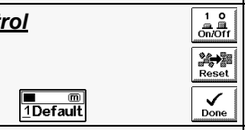
Flow [ml/min]

More ...
- Flow Ramp [ml/min^2]
- Compressibility [10^{-6}/bar]
- Primary Channel [A,B,C,D,Auto]
- Stroke [µl]

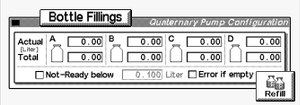
Pressure
- Lower/Upper Pressure Limits [bar]



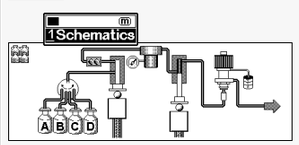
Control

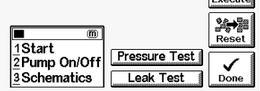


Configure



Tests





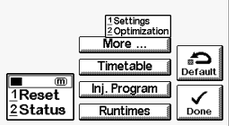
Autosampler

Settings

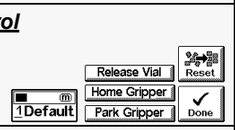
Injection Volume [µl]
- ☑ Standard Injection
  - ☑ with needle wash
- ☑ Injector Program
  - Default wash vial

More ... Settings
- Draw Speed [µl/min]
- Eject Speed [µl/min]
- Draw Position Offset [mm]

More ... Optimization
- Prefetch Vial / Overlap Injection Cycle at elapsed runtime [min]
  - ☑ always keep transport arm next to last vial

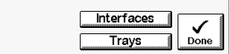


Control



Configure

Syringe Volume [µl]
Seat Capillary [µl]
Multiple Draw Wait [s]
On Missing Vial



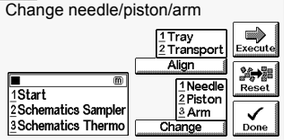
Tests

Functions: Valve bypass/mainpass, Syringe home/draw, Needle up/into vial, Fetch/Return vial;

Align Tray
- Tray alignment/Vial teaching

Align Transport
- X Correction [mm]
- Theta Correction [deg]

Change
- Change needle/piston/arm

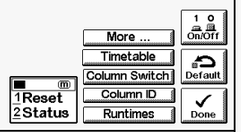


Column Compartment

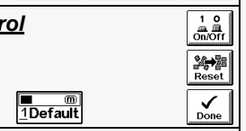
Settings

Temperature Left [°C]
Temperature Right [°C]
☑ enable left/right seperate mode

More ...
- Enable Analysis
  - ☑ with any temperature
  - ☑ temp. within setpoint +/- [°C]



Control

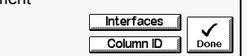


Configure

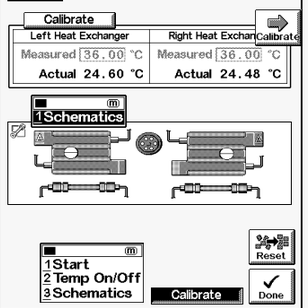
- ☑ Disable leak detection
- ☑ at Power-On turn temperature on

Column ID
- Stationary Phase
- Geometry; Particle Size; Void Volume
- Product -, Serial -, Batch Number
- Write

Column ID More ...
- Max Pressure, - Temperature, - pH
- Number of Injections
- Comment



Tests



Diode Array Detector

Settings

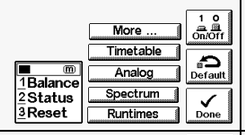
Sample/Ref. Wavelengths (A, B) [nm]
Sample/Ref. Bandwidths (A, B) [nm]
Peakwidth(Responsetime) [min]
Slit [nm]

More ... Settings
- Auto Balance: ☑ Prerun/☑ Postrun
- Margin for negative Absorbance [mAU]
- Required Lamps ☑ UV/☑ VIS

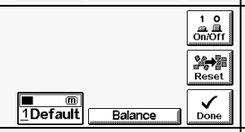
More ... Signals C-E
- Sample/Ref. WL & BW (C, D, E) [nm]

Analog
- Out 1/2: Zero Offset [%]
- Out 1/2: Attenuation [mAU]

Spectrum
- Range [nm]
- Store Spectra
- Threshold [mAU]

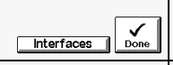


Control



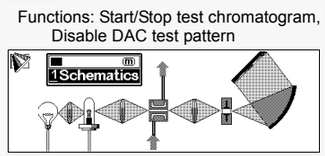
Configure

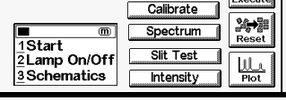
Options
Analog Voltage Range Out 1
Analog Voltage Range Out 2
At Power-On turn ☑ UV/☑ VIS lamp on



Tests

Functions: Start/Stop test chromatogram, Enable/Disable DAC test pattern





Multiple Wavelength Detector

Settings

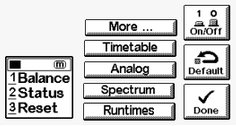
Sample/Ref. Wavelengths (A, B) [nm]
Sample/Ref. Bandwidths (A, B) [nm]
Peakwidth(Responsetime) [min]
Slit [nm]

More ... Settings
- Auto Balance: ☑ Prerun/☑ Postrun
- Margin for negative Absorbance [mAU]
- Required Lamps ☑ UV/☑ VIS

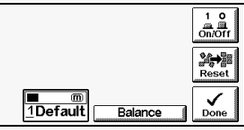
More ... Signals
- Sample/Ref. Bandwidths (C, D, E) [nm]

Analog
- Out 1/2: Zero Offset [%]
- Out 1/2: Attenuation [mAU]

Spectrum
- Range [nm]



Control

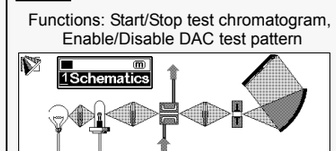


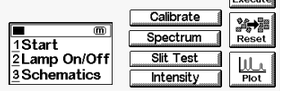
Configure

Options
Analog Voltage Range Out 1
Analog Voltage Range Out 2
At Power-On turn ☑ UV/☑ VIS lamp on

Tests

Functions: Start/Stop test chromatogram, Enable/Disable DAC test pattern





Variable Wavelength Detector

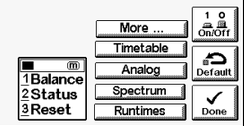
Settings

Wavelength [nm]
Peakwidth (Responsetime) [min]
Signal Polarity

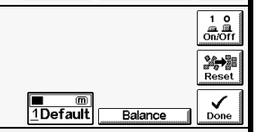
More ...
- Auto Balance: ☑ Prerun/☑ Postrun
- Margin for negative Absorbance [mAU]
- ☑ Not-Ready when lamp is off

Analog
- Signal Source
- Zero Offset [%]
- Attenuation [mAU]

Spectrum
- Range[nm]



Control

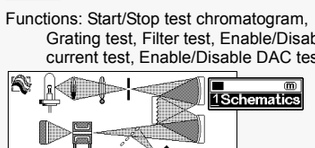


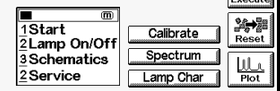
Configure

Options
Analog voltage range
☑ At Power-On turn UV lamp on
Lamp Type

Tests

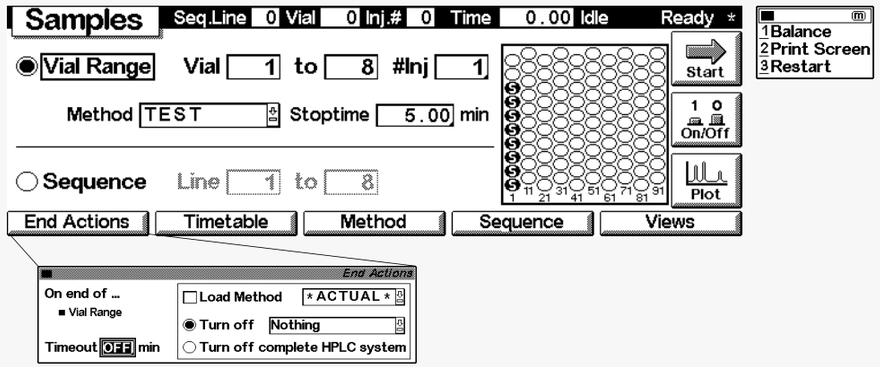
Functions: Start/Stop test chromatogram, Grating test, Filter test, Enable/Disable Dark current test, Enable/Disable DAC test pattern



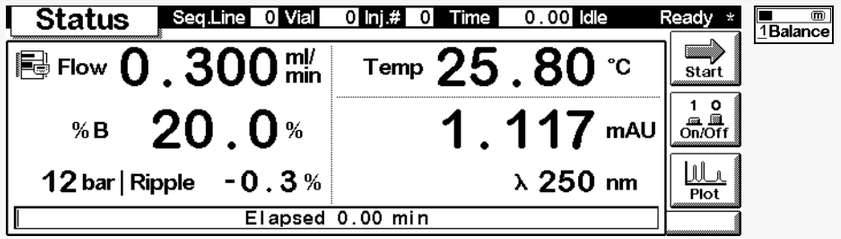


For information on other Agilent 1200 modules, please refer to the Modules Reference Manual.

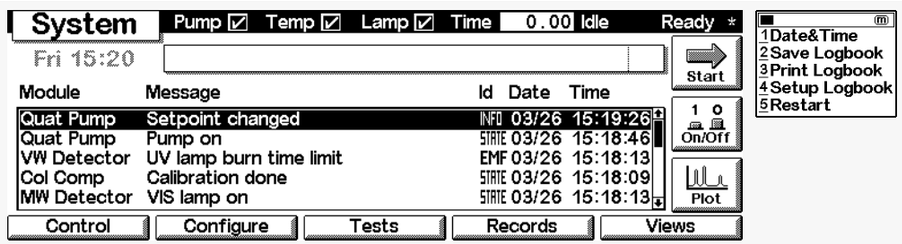
Samples Screen



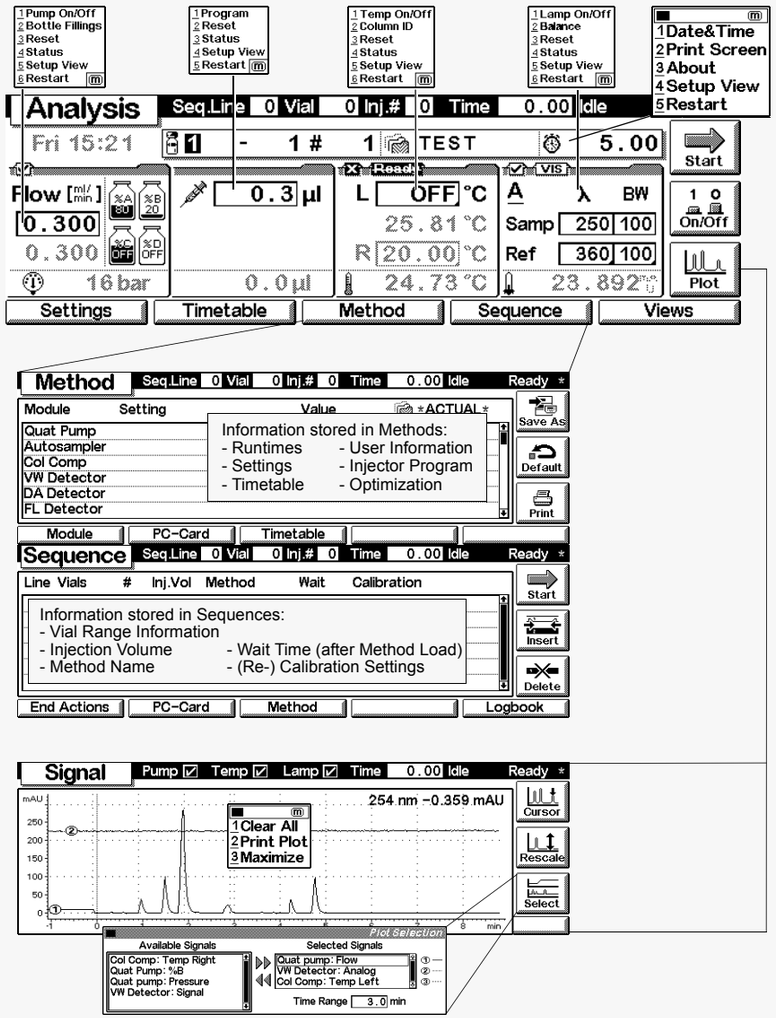
Status Screen



System Screen



Analysis Screen



Agilent Technologies

Printed in Germany 02/06
Part No. G1323-90011

G1323-90011