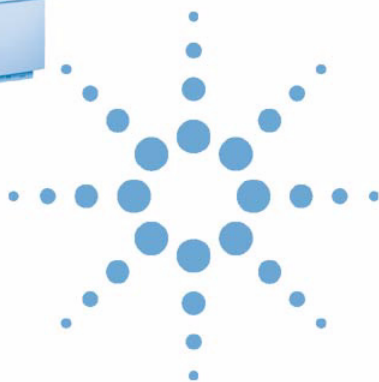




Agilent 1120 Compact LC Firmware



Firmware Bulletin for

Revisions B.06.2x

G4286A, G4287A , G4288A, 4289A and
G4290A



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Revision

This technical note is valid for the Agilent 1120 Compact LC Firmware B.06.2x where x refers to minor revisions of the software that do not affect the technical accuracy of this guide.

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Document History

The table below lists all changes that have been made to this document.

Table 1 Document History,3

Date	Description	Author
27-Oct-2009	Update of build numbers for revision B.06.25	W. Albrecht
18-Sep-2009	"Firmware Revision B.06.25" on page 6	W. Albrecht
02-Jun-2009	"Firmware Revision B.06.22" on page 8	W. Albrecht
04-Jul-2008	"Firmware Revision B.06.21" on page 10	W. Albrecht
01-Mar-2008	Initial "Firmware Revision B.06.20" on page 12	W. Albrecht

Where To Get Latest Information

Visit the Agilent web

http://www.chem.agilent.com/scripts/cag_firmware.asp?nmod=LC

for

- older Firmware History documents
- download tools and
- instructions

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Change Information B.06.2x

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This chapter provides the details of the various firmware revisions for the Agilent 1120 Compact LC.



Firmware Revision B.06.25

Table 2 Firmware Revision B.06.25

Type	Module	Product#	Revision	Build	Filename (.DLB)
Main	Compact LC	G4286A	B.06.25	003	4286A_B625_003
	Compact LC	G4287A	B.06.25	003	4287A_B625_003
	Compact LC	G4288A	B.06.25	003	4288A_B625_003
	Compact LC	G4289A	B.06.25	003	4289A_B625_003
	Compact LC	G4290A	B.06.25	003	4290A_B625_003
Resident	Compact LC		B.06.23	001	Res_B623_001

Changes B.06.25

Table 3 Changes B.06.22

Main firmware revision	B.06.25
Resident firmware revision	B.06.23_001
Release Date	September 2009
Bugfix (CORE)	<ul style="list-style-type: none"> Fixed sporadic problems with writing into EEPROMs and reading from empty EEPROMs. Fixed sporadic problem with RF tags. Sometimes the content of the RFID tags was unwanted deleted.
Bugfix (Main FW)	<ul style="list-style-type: none"> PVCS #1833: Enlarged the duration for the overdrive current for the solvent selection valve according to the actual switching time of the valve from 10 ms to 65 ms.
New Features (CORE)	<ul style="list-style-type: none"> Implemented new events EV10180, EV10181, EV10182, EV10183 for showing a change in the not-ready conditions. The large not-ready conditions cover 128 bit positions. The new events show each change in any bit-position.
When is an upgrade required	<ul style="list-style-type: none"> If a malfunction is corrected by a new version.
Known Problems	None Documented
OQ/PV Recommendation	No repeat OQ/PV tests are recommended after update

Firmware Revision B.06.22

Table 4 Firmware Revision B.06.22

Type	Module	Product#	Revision	Build	Filename (.DLB)
Main	Compact LC	G4286A	B.06.22	002	4286A_B622_002
	Compact LC	G4287A	B.06.22	002	4287A_B622_002
	Compact LC	G4288A	B.06.22	002	4288A_B622_002
	Compact LC	G4289A	B.06.22	002	4289A_B622_002
	Compact LC	G4290A	B.06.22	002	4290A_B622_002
Resident	Compact LC		B.06.20	001	Res_B620_001

Changes B.06.22

Table 5 Changes B.06.22

Main firmware revision	B.06.22
Resident firmware revision	B.06.20_001 (not changed)
Release Date	June 2, 2009
Bugfix	<ul style="list-style-type: none"> • "PVCS #1723: Fixed the bug that due to board change (Rev B to Rev C) the degasser made an error of 40% for the pressure. Also the instrument showed an error (invalid pressure) after power on. Fixed by FW internal detection of board revision and use an adapted setup for the degasser and added a fixed time to let the pressure sensor stabilize its output after switching-on. • "No PVCS : Fixed an error in the operating system trace (TraceOS/oslog debugging feature). This error only occurred in revisions B.06.20 and B.06.21: If more than 11 warnings were written to the trace, the system started to write all further warnings to wrong memory locations. This could lead to serious errors and crashes (mostly panics with "unexpected exception" 0x92000113 "data store translation miss exception").
New Features	<ul style="list-style-type: none"> • none
When is an upgrade required	<ul style="list-style-type: none"> • If a malfunction is corrected by a new version.
Known Problems	None Documented
OQ/PV Recommendation	No repeat OQ/PV tests are recommended after update

Firmware Revision B.06.21

Table 6 Firmware Revision B.06.22

Type	Module	Product#	Revision	Build	Filename (.DLB)
Main	Compact LC	G4286A	B.06.21	001	4286A_B621_001
	Compact LC	G4287A	B.06.21	001	4287A_B621_001
	Compact LC	G4288A	B.06.21	001	4288A_B621_001
	Compact LC	G4289A	B.06.21	001	4289A_B621_001
	Compact LC	G4290A	B.06.21	001	4290A_B621_001
Resident	Compact LC		B.06.20	001	Res_B620_001

Changes B.06.21

Table 7 Changes B.06.21

Main firmware revision	B.06.21
Resident firmware revision	B.06.20_001 (not changed)
Release Date	July 4, 2008
Bugfix	<ul style="list-style-type: none"> • No PVCS: If the degasser stayed switched off for a longer period, occasionally the degasser does not reach the ready condition after switching on again. This was caused by solvent condensation in the degasser and the instrument shows error event EE 8053 (Degasser timeout). Changed the control of the degasser to reach the ready condition even with prior solvent condensation. • PVCS #1677: Fixed the bug that the pump does not stop if only one solvent gets empty (reaches 0). Now the pump stops as soon as one of the solvents gets empty.
New Features	<ul style="list-style-type: none"> • none
When is an upgrade required	<ul style="list-style-type: none"> • If a malfunction is corrected by a new version.
Known Problems	None Documented
OO/PV Recommendation	No repeat OO/PV tests are recommended after update

Firmware Revision B.06.20

Table 8 Firmware Revision B.06.20

Type	Module	Product#	Revision	Build	Filename (.DLB)
Main	Compact LC	G4286A	B.06.20	001	4286A_B620_001
	Compact LC	G4287A	B.06.20	001	4287A_B620_001
	Compact LC	G4288A	B.06.20	001	4288A_B620_001
	Compact LC	G4289A	B.06.20	001	4289A_B620_001
	Compact LC	G4290A	B.06.20	001	4290A_B620_001
Resident	Compact LC		B.06.20	001	Res_B620_001

Changes B.06.20

Table 9 Changes B.06.20

Main firmware revision	B.06.20
Resident firmware revision	B.06.20_001
Release Date	March 2008
Bugfix	<ul style="list-style-type: none">initial revision
New Features	<ul style="list-style-type: none">initial revision
Known Problems	None Documented
OQ/PV Recommendation	No repeat OQ/PV tests are recommended after update

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In This Book

This bulletin contains information about the firmware revision B.06.2x for the Agilent 1120 Compact LC.

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