

High-Speed Pump

Equipment Name	High-Speed Pump
Master Model	G7120A
Derived Models	G7132A

The following table lists all the Derived Model Numbers associated with this application and a brief description of the differences (changes).

Model name	Description
G7120A	High-Speed Pump Pressure up to 1300bar and flow rates up to 5ml/min
Derived Model	Description
G7132A	Bio High-Speed Pump Pressure up to 1300bar and flow rates up to 5ml/min with bio compatible material

Description of the difference.

The listed products are electrically identical with only differences in maximum temperature setable.. Below a table with details of differences per model:

Description / Part number	G7120A	G7132A
Max pressure (Note 1)	1300bar	1300bar
Hydraulic Path (Note 2)	Stainless Steel	Bio-compatible material (non-ferrous)
Antennas	4 Pump Head A/B, Mixer, Purgre Valve	4 Pump Head A/B, Mixer, Purgre Valve
Radio Unit	Main Board: 2 RFID Readers Addon board: 2 RFID Reader	Use same main and addon board as G7120A
Electronics (Note 3)	HITAG reader chip conducted output power 26.81dBm @ 125kHz	Use same main and addon board as G7120A
Reporting	G7120A	G7132A

Note 1: Max Pressure

From hardware point of view identical modules. Max pressure controlled by firmware.

Note 2: G7120x use for hydraulic path standard stainless steel, G7131x uses bio-compatible material (non-ferrous) stainless steel.

- Pump Head: Two independent channels, channel A and channel B.
Each pump head equipped with two actuated pistons in series.
- Mixer (Jet weaver) High efficiency mixing of channel A and channel B solvent.
- Purge Valve Automatic purging of the flow path.

All parts are mechanical components only. The inner material of the Bio version G7132A consists of bio-compatible material.

Note 3: Derived models which are identical to the master model referred to in this declaration with regard to EMC and radio frequency emissions.