

## Family: G7104A, G7104C, G7131A, G7131C

Equipment Name	Flexible Pump
Master Model	G7104A
Derived Model	G7104C, G7131A, G7131C

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

Model name	Master Model: Description
G7104A	Flexible Pump - Pressure up to 1300bar
Model name	Derived Model: Description / Changes
G7104C	Flexible Pump - Pressure up to 800bar <sup>(Note 2)</sup>
G7131A	Bio Flexible Pump - Pressure up to 1300bar
G7131C	Bio Flexible Pump - Pressure up to 800bar <sup>(Note 2)</sup>

Description of the difference.

The listed products are electrically identical with only differences in the max. pressure and the material of the hydraulic path.

Below a table with details of differences per model:

Description	G7104A	G7104C	G7131A	G7131C
Maximum pressure (Note 1)	1300bar	800bar	1300bar	800bar
Hydraulic Path (Note 2)	Stainless Steel	Stainless Steel	Bio-compatible material (non-ferrous)	Bio-compatible material (non-ferrous)
Antennas	3 Pump Head, Mixer, Purgre Valve	3 Pump Head, Mixer, Purgre Valve	3 Pump Head, Mixer, Purgre Valve	3 Pump Head, Mixer, Purgre Valve
Radio Unit	Main Board: 2 RFID Readers Addon board: 1 RFID Reader	Use same main and addon board as G7104A	Use same main and addon board as G7104A	Use same main and addon board as G7104A
Electronics	HITAG reader chip conducted output power 26.81dBm @ 125kHz	Use same main and addon board as G7104A	Use same main and addon board as G7104A	Use same main and addon board as G7104A
Reporting	G7104A	G7104C	G7131A	G7131C

### Note 1: Max Pressure

From hardware and mechanical point of view identical modules. Maximum pressure controlled by firmware.

Note 2: G7104A uses for hydraulic path standard stainless steel, G7131A and G7131C uses bio-compatible material (non-ferrous) stainless steel.

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