



Diode Array Detector

Equipment Name	Diode Array Detector
Master Model	G7115A
Derived Model	G7165A

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

Model name	Description
G7115A	Agilent Diode Array Detector Wide Range (DAD WD) for liquid chromatography systems. Provides absorbance signal in the wavelength range 190nm to 950nm. Several absorbance signals can be measured in parallel.
G7165A	Agilent Multi Wavelength Detector (MWD) for liquid chromatography systems. Provides absorbance signal in the wavelength range 190nm to 950nm.

Description of the difference

The listed products are electrically identical with only differences in number of absorbance signals. Below a table with details of differences per model:

Description	Master Model: G7115A	Derived Model: G7165A
Mechanics and Electronics	Identical hardware	Identical hardware
Wavelength signals	up to 8 absorbance signals can be measured in parallel	Only 1 signal is provided. The possibility to measure several signals in parallel is disabled in firmware.
Antenna	2 Lamp, Detection Cell,	Use same main and addon board as G7115A
Radio Unit	Main Board: 2 RFID Readers	Use same main and addon board as G7115A
Electronics (Note 1)	HITAG reader chip conducted output power 26.81dBm @ 125kHz	Use same main and addon board as G7115A
Reporting itself as:	G7115A	G7165A

All the models have common circuits, components, and mechanical hardware. The difference is the limitation of absorbance signals that are provided in parallel.

Note 1: Derived models which are identical to the master model referred to in this declaration with regard to EMC and radio frequency emissions.