

6.2 *Technical specifications*

Operating data

Max. flow rate	0.001 to 100 ml/min
Max. pressure	
12 ml chamber	10 MPa at 0.1 to 100 ml/min (100 bar, 1450 psi)
0.6, 2 and 5 ml chambers	25 MPa at 0.001 to 100 ml/min (250 bar, 3625 psi)
90 µl and 0.2 ml chambers	35 MPa at 0.001 to 5 ml/min (350 bar, 5075 psi)
pH range	1 to 13, 1 to 14 (<1 day exposure)
Viscosity	Max. 5 cP
Environment	+4 to +40 °C 20 to 95% relative humidity 84 to 106 kPa (840 to 1060 mbar) atmospheric pressure

Physical data

Internal volume	6 interchangeable mixing chambers: 90 µl, 0.2, 0.6, 2, 5 and 12 ml
Mixing principle	1 static chamber and 1 dynamic chamber
Degree of protection	IP 43
Wetted materials	
Stirrer	PTFE (polytetrafluorethylene)
Mixing chambers	PEEK (polyetheretherketone)
Chemical resistance	The wetted parts are resistant to organic solvents and salt buffers commonly used in chromatography of biomolecules, except 100% ethyl acetate, 100% hexane and 100% tetrahydrofuran (THF)
pH stability range	1 to 13, 1 to 14 (<1 day exposure)
Power requirement	12 to 40 V DC from the pump
Power consumption	1 W
Inlet and outlet tubing	UNF 10 to 32 thread profile, e.g. "Fingertights" for capillary tubing 1/16" outer diameter
Dimensions, H × W × D	152 × 77 × 111 mm
Weight	1.2 kg
Compliance with standards	The declaration of conformity is valid for the instrument only if it is: <ul style="list-style-type: none"> • used in laboratory locations • used in the same state as it was delivered from GE Healthcare except for alterations described in the User Manual • connected to other CE labelled GE Healthcare modules or other products as recommended.

Safety standards

This product meets the requirement of the Low Voltage Directive (LVD) 2006/95/EC through the following harmonized standards:

- EN61010-1
- IEC 61010-1
- CAN/CSA-C22.2 No. 61010-1
- UL61010-1

EMC standards

This device meets the requirements of the EMC Directive 2004/108/EC through the following harmonized standards:

- EN 61326 (emission and immunity)
- EN 55011, GR 2, Class A (emission)
- This device complies with part 15 of the FCC rules (emission). Operation is subject to the following two conditions:
 - 1 This device may not cause harmful interference.
 - 2 This device must accept any interference received, including interference that may cause undesired operation.