

Technical Specifications

Object support	For objects up to 20 x20 cm
Stage drive	X-drive (turret) Stepper motor 1600 steps/rev 4 steps:0.1mm Maximum speed 200 mm/s with acceleration ramp Positions programmable:5.0-195.0 mm in 0.1 mm steps Y-drive (stage) Step motor 3200 steps/rev. 8 steps = 0.1mm Maximum speed 200 mm/s with accelerated ramp Positions programmable : 5.0-195.0 mm in 0.1 mm steps
Dosage syringe drive	Stepping motor 1600 steps/rotation 100 nL = 120 steps with 100 µL syringe or 24 steps with 500 µL syringe
Sample dosage	Choice of 10, 25 or 100 µL gas-tight syringe with side port. Dosage volume 100 nL to 1 mL in increments of 100 nL
Syringe drive	Stepper motor 1600 steps / rev.: 100 nL = 960 steps for 10 µL syringe 100 nL = 384 steps for 25 µL syringe 100 nL = 96 steps for 100 µL syringe
Rack	For 66 sample vials 2 mL (12 x 32 mm)
Mains voltage	85 – 250 V~ 47 – 63 Hz 60 VA
Gas supply	4.5 - 6 bar (65 - 87 psi), preferably nitrogen. Consumption 0.2 - 0.3 L/min for contact or 0.8 – 2.0 L/min for spray-on application (pressure dependent)
Dimensions (W x D x H)	630 x 530 x 500 mm
Weight	36 kg