

Syringe pump

For Big Kahuna and Junior

Syringe pumps are the heart and soul of the Big Kahuna and Junior liquid handling. Syringe pumps use air displacement technology to move solvent and atmospheric gases for liquid delivery to user-specified locations. There are several syringe sizes to handle the volumes most relevant to your workflows.



Specifications

Syringe pump (PN: SG154796)

Description	Specification
Plunger drive travel distance	60 mm
Compatible syringe sizes	50 μ L, 100 μ L, 250 μ L, 500 μ L, 1.0 mL, 2.5 mL, 5.0 mL, 10 mL, 25 mL
Physical	65 mm W x 114 mm D x 254 mm H
Resolution	6000 (standard) / 48000 (microstepping) increments
Speed	1.2 s/stroke – 160 min/stroke
Precision	<0.05% C.V. within run at full stroke
Dispense accuracy	\leq 0.5% deviation from target at full stroke