

OEM MODULE - Model SKE 50 - Data Sheet



The Chemyx OEM syringe pump is a bolt-on microfluidic pump designed for integration into analytical instruments requiring precision flow functionality with a removable syringe.

TECHNICAL SPECIFICATIONS

MODE	Infuse
MINIMUM FLOW RATE	0.001 $\mu\text{L}/\text{min}$ (with 0.5 μL syringe)
MAXIMUM FLOW RATE	60 mL/min (with 60mL syringe)
LINEAR FORCE	30lb (14kg)
SYRINGE SIZE (MIN/MAX)	0.5 μL to 60mL
STEP RESOLUTION	0.098 $\mu\text{m}/\text{step}$
OPERATION TEMPERATURE	4°C to 40°C (40°F to 104°F)
STORAGE TEMPERATURE	-10°C to 70°C (14°F to 158°F)
ACCURACY	$\pm <0.35\%$
REPRODUCIBILITY	$\pm <0.05\%$
CONNECTIVITY	USB-B, RS232 and TTL Ports
POWER	24 DC
DIMENSIONS	8.7 long x 4.3 wide x 3.7 tall inches (22.2 x 11 x 9.5 cm)
WEIGHT	5 lbs
REGULATORY COMPLIANCE	CE, FCC, ETL, RoHS

SELECT APPLICATIONS

- Stereotaxic Infusion
- Animal Infusion
- Neuroscience
- Radioactive Material Handling
- Electrospinning
- Reagent Dispensing
- Microdialysis
- Stem Cell injections
- Reactor Feeding