King Square

Fixed-Pitch Pipetting with Foil Piercing

A multi-channel automated pipetting configuration for fixed-pitch access through foil seals.



Technical specifications

Pipetting range	1-200 µL
Communication	RS-485/CAN
Automatic tip ejection	Yes
Foil piercing	Yes
Maximum pipetting speed	800 µL/S
Liquid-level detection	Capacitive liquid-level detection on one channel
Pipetting precision	CV≤1% (maximum pipetting volume10%or higher)
Plunger diameter	Φ3.5
Theoretical resolution	0.0059 µL/Plus
Tip spacing	9 mm (customizable)
Channels	8 (customizable)
Compatible tip capacities	10 µL, 50 µL, 200 µL (conductive or nonconductive)
Dimensions and mass	height 220 mm, width 110 mm, depth 45 mm · mass 1580 g
Rated service life	1,000,000 cycles

Product features

- Force-controlled tip pickup for compatible disposable tips.
- RS-485 and CAN communication.