King Square

Variable-Pitch Four-Channel Pipetting

A four-channel automatic pipetting configuration with adjustable channel spacing.



Technical specifications

Pipetting range	1-200 μL
Communication	RS-485/CAN
Automatic tip ejection	Yes
Tip-presence monitoring	Independent tip detection on each channel with a bus I/O module
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	9-18 mm (wider spacing can be customized)
Channels	4 (customizable)
Compatible tip capacities	10 μL, 50 μL, 200 μL (conductive or nonconductive)
Dimensions and mass	height 260 mm, width 91 mm, depth 61 mm · mass 550 g
Rated service life	1,000,000 cycles

Product features

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