King Square

ZADP1000-18 Z-Axis Pipetting Module

Integrated Z-axis pipetting module for multi-channel instrument layouts.



Technical specifications

Power supply	DC24V,peak current2000 mA
Communication	RS-485/CAN
Operating environment	Temperature15 °C-35 °C, RH20%-85%non-condensing
Effective travel	120 mm (customizable)
Maximum speed	180 mm/s
Positioning accuracy	±0.03 mm
Theoretical resolution	0.0006 mm
Rated full-travel life	1,000,000 cycles
Force-controlled tip pickup range	9 N–35 N
Dimensions and mass	height 273 mm, width 95 mm, depth 28 mm, mass 650 g

Product features

- Force-controlled tip pickup for compatible disposable tips.
- RS-485 and CAN communication.
- A compact command set supports integration with host control software.
- Designed for low-noise operation.

Dimension drawing

