King Square

Variable-Pitch ADP Module Example 1

An example of a multi-channel ADP module with adjustable spacing.



Technical specifications

Pipetting pump configuration	ADP1000-9
Pipetting pump parameters	See the ADP1000-9 pump specifications
Independent vertical movement per channel	Yes
Independent aspiration and dispensing per channel	Yes
Tip spacing	9–27 mm, electronically adjustable throughout the range
Channels	8 (customizable)
Effective Z-axis travel	180 mm (customizable)
Maximum Z-axis speed	180 mm/s
Theoretical Z-axis resolution	0.0006 mm/PLS
Automatic Z-axis tip pickup	Eight independent Z axes support force-controlled tip pickup
Communication	RS-485/CAN
Expansion options	Optional single- or dual-arm XY configurations
Dimensions and mass	height 320 mm, width 353 mm, depth 200 mm · mass 3200 g
Rated service life	1,000,000 cycles