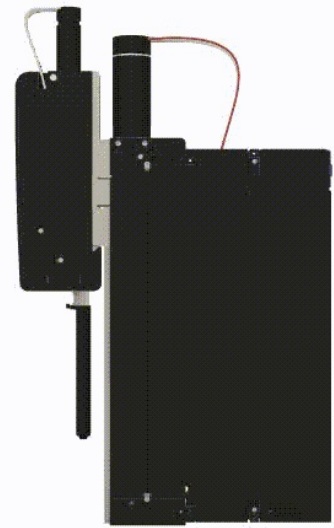


# ZEUS Pipetting Channel (Straight, Motor Forward)

Specification Sheet (Part/REF # 800701)



## Product Specifications

Weight	1100 g
Power Requirements	48 VDC $\pm$ 5%, 1.8 A
Communication Interface	CAN (Hamilton protocol), FCC connector
Baud Rate	125,500 kBaud (others on request)
Operating Temp High	32 °C (90 °F)
Operating Temp Low	18 °C (64 °F)
Operating Humidity	40% to 80%, non-condensing
Storage Temp High	70 °C (158 °F)
Storage Temp Low	-25 °C (-13 °F)
Storage Humidity	40% to 80%, non-condensing
z-Drive Excursion	180 mm
z-Drive Resolution	0.1 mm
z-Drive Maximum Speed	350 mm/sec
Volume Range	1 - 1,000 $\mu$ L
Pipetting Resolution	0.1 $\mu$ L
Maximum Pipetting Speed	150 mm/s corresponding to 2,500 $\mu$ L/s
Pipetting Mode	Single and aliquot dispensing
Tip Detection	Yes
Liquid Level Detection	Pressure-based (pLLD) and capacitive detection (cLLD)
Pipetting Security	Qualitative Pipette Monitoring (QPM) Anti-Droplet Control (ADC)
Operating Noise	< 60 dBA, Indoor use only
Device Addressing	up to 31 modules on a single CAN bus
RoHS 3 Compliant	Yes

Specifications are subject to change without notice  
<https://www.hamiltoncompany.com/oem/800701>