

A fully integrated drive device for evaluation, production, and laboratory use. Compatible with two Quantex pump families: Microdosing pump (QX2-SD) and Low Flow pumps (QX25-SD and QX25-HP). Features a stainless-steel body and a 7" colour touch screen for programming desired functions such as speed, flow, dose volume, self-priming, cycling, reverse.



## Features and Benefits

- Plug and play, easy-to-use
- Integrated driver and screen for direct control
- Able to run both Microdosing and Low Flow Pumps (SD and HP models)
- Select and change your flow rate as desired

## FEATURES

Functions	Description
Speed / Flow rate	Select flow rate either as motor rps/rpm or ml/min
Dose Volume	Select dose volume either in ml/L or pump revolutions
Loops	Program multiple loops for duty cycle running
Loop Pause	Select pause time for multiple cycle running
Calibration	Modify dispense volume calibration factor
Reverse motor drive	End of dose reversing, pressure venting
Pump selector	Choose between two product families
Prime mode	Direct control of motor for self priming at multiple speeds
Programmable memory	Save 8 programs per pump

# TECHNICAL SUMMARY

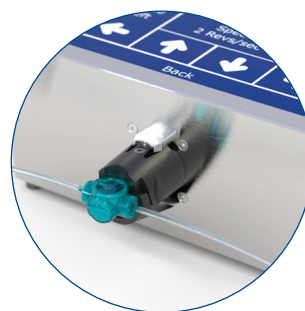
Operating temperature	5-40°C
Storage temperature	5-40°C
Drive Flow rate range	4.3ml/min - 384ml/min
Drive Control	High performance stepper motor
Program interface	Full colour touch screen display
Power Supply	Input: 100-240v, 50-60Hz, Single phase, AC mains powered Output: 24Vdc, 3.75A Mains cable: Supplied with country specific plug type
Ingress Rating	IP20
Compliance	CE, FCC
Speed control	0.1-15rps 6-900rpm
Drive Torque	400mNm
Drive Dimensions	Width 20cm x Depth 15cm x Height 9.5cm
Drive Weight	1.92kg
Drive Noise	<70dB @ 1m
Pump compatibility	QX25-SD, QX25-HP. Includes an adaptor for QX2-SD
QX2 Pump flow range	4.3ml/min - 43ml/min
QX25 Pump flow range	38.4ml/min - 384ml/min



SCAN ME



Q-Drive-Alpha  
Product Manual



Q-Drive-Alpha V1.0

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