Q-Drive-Alpha



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

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| 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 |





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Where Innovation Flows



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