iQ-Chartmount-V data sheet

Overview

Product name	iQ-Chartmount-V, iQ-Chartmount-VM
Principle	A component of the iQ-Teststand: chart mounting system for holding and switching between up to eight reflective test charts, manual and motorized versions available

Features

Chart mount

Number of charts	☐ 4 + 1 ☐ 8 + 1
Chart moving direction	Vertical
Chart dimension	A1066 (1245 x 835 x 3.2 mm) +1 fixed position A1066 with increased depth for special charts
Chart weight	Up to 7.5 kg each when using an included counterbalance Up to 10 kg each when using a modified counterbalance
Motorization	☐ yes (iQ-Chartmount-VM) ☐ no (iQ-Chartmount-V)
Motor type*	DC motor
Specialties	• Professional mounting for various reflective charts • Automatically switch between charts via iQ-Drive API (iQ-Chartmount-VM) or manually via handles on the side (iQ-Chartmount-V) • No manual touch on the charts is required, which will preserve the sensitive surface of charts against mechanical abrasion • Mandatory set up by Image Engineering or trained Premium Reseller for iQ-Chartmount-V, for iQ-Chartmount-VM mandatory set up by Image Engineering

Software (API)*

System requirements*	PC with Windows 7 operating system (or higher) USB port
Functions*	• Setting position, velocity, acceleration, and deceleration parameters • Homing function to calibrate iQ-Chartmount-VM
API (C++)*	iQ-Drive API

General description hardware

Power supply/consumption*	110 V / 230 V, 100 W
Ports*	1 x USB (electronic cabinet) 1 x IEC-60320 C13/C14 power adaptor (electronic cabinet)
Dimension [W x H x D]	iQ-Chartmmount-VM: 1760 x 2355 x 510 mm (4 charts) 1760 x 2355 x 630 mm (8 charts) iQ-Chartmount-V: 1760 x 2355 x 620 mm (4 charts) 1760 x 2355 x 740 mm (8 charts)
Chart center height	1460 mm above ground level
Horizontal alignment	Height-adjustable feet
Connection to iQ-Bench	Yes (if iQ-Bench is ordered with iQ-Chartmount; custom specification on request)
Operating conditions*	15 - 30 °C, indoor use only

* Only applicable for motorized version (iQ-Chartmount-VM)