

## QLC6 Benchtop Lab Conveyor

The QLC6 Benchtop Conveyor is a small scale UV curing system particularly suitable for laboratories and R&D applications. It can also be used for testing and quality control of inks, coatings and adhesives. It can handle a variety of substrates and parts up to 180mm wide and **75mm high, with an effective maximum cure width up to 150mm.**

The conveyor can be equipped with either Fusion UV lamps type F300S and LH6 or LED systems, truly interchangeable. A unique and simple mechanism allows the lamp to be rotated and set to any angle to part travel, or raised and lowered to vary its distance from the belt. The QLC6 is air-cooled, with the air flowing through the belt to help keeping small sheets or parts in place throughout the curing process.

The specially designed open-weave Kevlar® belt is Teflon® coated for smooth performance, and treated to eliminate static charges.

Main lamp controls are located on the front panel, with a minimum speed sensor incorporated, to provide interlock lamp control and protection for the belt.

A dedicated UV LED System Retrofit Kit comprising power supply, LED lamp head, connecting cables and mechanical adaptor with additional height adjustment is available for an easy, plug & play tool-free installation on Qurtech QLC6 and Fusion LC6 benchtop lab conveyors or similar (e.g. Loctite ZETA® Conveyor 7415).



*QLC6 Benchtop Lab Conveyor with Fusion UV lamp type F300S or LH6*



*QLC6 Benchtop Lab Conveyor with LED system, air cooled*

# QLC6 Benchtop Lab Conveyor



## Tech Specs

Nominal Lamp width:	75-150 mm
Overall Length:	1070 mm
Overall Width:	510 mm
Overall Height:	310 mm, without lamp
Weight:	25Kg (without lamp)
Belt:	Teflon®-coated Kevlar® fiber
Belt Travel:	Right to Left or Left to Right
Speed Indicator:	m/min on LCD Display
Speed Range:	5 - 76 m/min or 0,6 - 7 m/min
Lamp Positions:	Vertical adjustment from focus at belt surface to 100 mm beyond focus
Drive:	Geared motor with belt drive; interchangeable pulleys provide two speed ranges within each Speed Range
Controls:	Power On/Off Belt Run; Lamp Reset/Standby/On Speed control; E-Stop & Reset
Power:	220/240 VAC, 50Hz; CE Certified
Exhaust:	External exhaust blower
Lamp options:	Fusion lamp type F300S or LH6 LED System up to 150mm window air cooled

## Available Accessories

- Quartz air deflector kit;
- Exhaust duct plenum;
- Stainless steel belt;
- Outfeed catch tray;
- External exhaust blower;
- Activated carbon filters.