



Picosecond Laser inside

CCL Y*mark

First-class laser marking



Fascination for Innovation

Precise marking patterns

Very small marking dots add up to a perfect marking pattern.

500 μ m

Robust precision clamping

A precision clamp guarantees precise tolerances after thousands of marking cycles.

Clearly arranged operator display

For ease of operation, a touch-panel guides the operator through clearly arranged displays.

The CCL Y*mark is another module of the SCHNEIDER iRx concept.



CCL Y*mark

The CCL Y*mark laser marking machine operates with extremely short picosecond laser pulses. In comparison to CO₂ lasers, the new quality of laser pulses guarantees a reduction of thermal stress on the lens resulting in clean marking patterns without heat-affected zones.

The new, favorable marking characteristics matches the marking quality of excimer lasers, but consumables and frequent maintenance are not needed anymore. Just turn it on and keep marking lenses.

Designed for a wide range of lab environments, this machine runs as a table-top machine or with an optional automation system. The robust design and extensive safety features exceed international regulations.

Small size, easy operation, low cost-per-lens, and excellent quality of laser marking have come together.

Benefits

- Excellent appearance of markings
- Precise marking positions
- Consistent results for all materials
- No consumables
- Optional automation
- Easy to operate
- Minimum maintenance
- High safety standards
- Small footprint
- Best quality/cost-ratio



technical data

lens material	CR39, Hi-index, Polycarbonate, Trivex®
marking field size	ø 60 mm
dot size	approx. 20 μ m
accuracy	+/- 20 μ m
clamping system	block ø 43 mm
power requirement	1 kW max.
air requirement	5 bar (75 psi) min.
laser safety	laser class I
weight machine	125 kg (275 lb.)
dimensions machine (w x d x h)	335 x 865 x 632 mm (14 x 34 x 25 inches)

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