



# C.6 *INDUSTRIAL LINE*

MASTER YOUR LAB EFFICIENCY

**WECO**

The Vision of Progress

# FULLY AUTOMATIC BLOCKING

## MAXIMIZE EFFICIENCY

Fully automatic blocking has proven to be essential in maintaining quality control and efficiency in a wholesale lab environment. It reduces the risk of waste due to human error dramatically. WECO has more experience than anyone in the field of industrial Automatic Blocking, as a result, it has developed a revolutionary next generation blocker that is designed to boost the output of your lab. Our patented Wavefront Lens Analysis Technology is industry proven to be accurate, reliable, incredibly fast and most importantly, easy to use. As a result, the WECO C.6 Industrial is the fastest manual loading blocker in the market with a throughput of up to 60 jobs per hour.



### Easy Access to Stored Jobs

Get all Job data from your VCA Host with a bar-code reader.



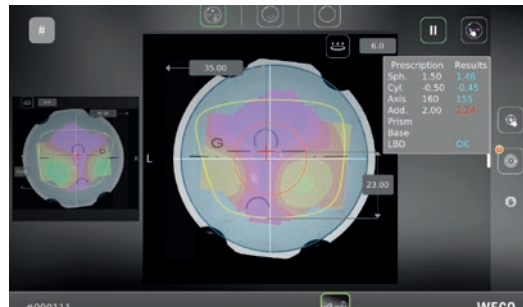
### Quick Loading

With an ergonomic loading and unloading system the lens can be placed and removed quickly and easily...



### Most Accurate Centering

With advanced optics and a High-Resolution imaging camera, recognizing laser engravings is a breeze. An intuitive interface makes it possible to quickly adjust centration parameters to match the markings on progressive lenses.



### Wavefront based Lens inspection

Single Vision, Bifocal, and Progressive Lenses are measured by the Wavefront Sensor based on the Shack-Hartmann Principle. Progressive Lens Powers are measured in the points which are given by the host.



### Automatic Blocking

When the measured lens power is within tolerances and shape fits into the lens contour, the C.6 industrial line will block the lens correctly in position and axis. The whole blocking process will take only a few seconds.



### Customizable Tolerance Database

Adjust the power tolerances for the different lens powers according to your requirements. The C.6 industrial line comes with a pre-programmed database according to the ANSI Standards.





# WAVEFRONT TECHNOLOGY THE FIRST AND ONLY



Operators enjoy a quick learning curve due to an intuitive touch-screen interface.

Power Readings are checked against the Prescription Values and the tolerances

Patented Power Map® technology measures a multitude of points.

The Frame Shape is verified to fit into the Lens Diameter automatically.

The Lens is blocked automatically when size and power is verified.

WEICO INDUSTRIAL LINE

# C.6 **INDUSTRIAL LINE**



|                |                   |
|----------------|-------------------|
| <b>Height</b>  | 600 mm (24 in)    |
| <b>Width</b>   | 350 mm (14 in)    |
| <b>Depth</b>   | 386 mm (15 in)    |
| <b>Weight</b>  | 27 kg (60 lbs)    |
| <b>Power</b>   | 9,5 A             |
| <b>Voltage</b> | 230 V<br>50/60 Hz |

The unit meets the European EMV Standards Class A Industry Standard

## TECHNICAL SPECIFICATIONS

### WECO C.6 | LENS VERIFIER, BLOCKER, AND CENTERING DEVICE

#### Automatic Centering & Blocking

- Supported Decentration Types  $\frac{1}{2}$  PD,  $\Delta x - \Delta y$ , boxing height or frame height
- Decentration: 0.05 mm steps
- Automatic Centering of Single Vision (incl. Prismatic), Bifocal and Progressive Lenses
- Power Measurement on Single Vision and Prismatic Lenses according to prescription
- Power Measurement on Bifocal Lenses according to detected Near Vision Segment
- Power Measurement on Progressive Lenses according to transferred geometrical data (transferred from the VCA Host)
- Power Map ® for Progressive and Single Vision Lenses
- Customizable Tolerance Database for Ophthalmic Lenses according to the ANSI Standards
- Verification if Measured Power is within tolerances
- Verification if Shape fits inside Lens Blank Contour
- Automatic Blocking when Verification is OK
- Manual Blocking when Verification is not OK
- Controlled blocking pressure
- Fully automated & Parallax Free Blocking Process

#### Supported Blocking Systems

- WECO Block
- Briot Block
- Nidek Block

#### Connections

- VCA / OMA standard data protocol through
  - Serial Connection RS232
  - Network Connection RJ45
- USB Port for Shape Data Transfer (e.g. external OMA libraries)
- RJ45 Network adapter for Software Update Process via Internet



Capacitive Touch-screen Interface



LAN, Bar code, and Serial connections



**ait WECO**

LUNEAU TECHNOLOGY USA

224 James St. Bensenville, IL 60106 | P:(800)729-1959 | [www.aitindustries.com](http://www.aitindustries.com)

A company of  Luneau Technology  
USA Gait, lidal, WECO, LPO, VISIOMIX