



OptoTech

Torilab X1⁺ Polishing Machine



The OptoTech Torilab X1⁺ is a 2 spindle machine for polishing toric, spheric and freeform design lenses with only a handful of OptoTech flexible tools. The tools have an excellent tool life time so that the consumable cost for operating a Torilab X1⁺ will be extraordinary low. The handling of the machine is as easy as the well-known standard Torilab polishing machines.

Smart Solutions for Professionals



Type	Torilab X1+
Working range	Plano up to 10 dpt. (cylinder -4 dpt.)
Tools	OptoTech flex tools
Number of tools	5 to 6 tools for pre-polishing 5 to 6 tools for fine polishing
Workpiece diameter	Up to 90 mm
Workpiece spindle connection	Standard LOH Block system DIN 58766
Dimensions WxDxH	700 x 800 x 1700 mm
Weight	200 kg

The screenshot shows the 'Torilab macro settings' software interface. It features a dropdown menu set to '3=1.498'. Below the menu are two tabs: 'Overview' and 'Settings'. The 'Overview' tab displays a grid with columns for diopter values from -0.50 to -12.00 and rows for tool types (S1-S8, T1-T4, T1*-T4*). Each cell in the grid contains a number representing the tool used for that specific diopter and tool type combination.

- The Torilab X1+ is your plus in economic ophthalmic lens processing and the reliable and cost-effective entrance in freeform lens production.
- Designed for plastic and mineral glass
- Fully PLC-controlled with independent pressure controls for the tools and the cylinder
- Macro functionality
- Host interface connection
- Compatible to standard block systems
- Minimal machining times due to the ideal kinematics
- Maintenance friendly design
- Low space requirement due to compact design
- Design according to CE requirements



Accessories:

- Torilab X1+ Server Software
- Polishing tank
- Chiller

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