



MANUAL BATTERY LASER CLEANING WORKSTATION

The Manual Battery Cleaning Workstation is a perfect solution for R&D and Low-production battery-module-related applications. You can use it to clean, texture and mark battery modules components in a single operation.

The workstation is adaptable to accommodate various requirements for small to large modules. Certified Class-1, it includes everything you need to ensure safety.



DEVELOPMENT PARTNER

The Manual Battery Cleaning Workstation is the perfect companion to test laser process in R&D and early production phase of battery module manufacturing.

FAST AND PRECISE CLEANING

Our laser is preprogrammed to only clean battery pole areas needed for welding, minimizing the total cleaning time.

CLEAN, MARK, TEXTURE

Laserax is the only one that offers a solution to perform multiple operations at the same time. You can clean and texture surfaces, etch barcodes—all of this with a single unit.

ADAPTED TO YOUR PRODUCT REQUIREMENTS

Various laser power and head motion options allow the Manual Battery Cleaning Workstation to be tailored to your requirements in speed and module dimensions.

TECHNICAL SPECIFICATIONS

MANUAL BATTERY LASER CLEANING WORKSTATION	
Laser Power	20W, 30W, 50W, 100W
Laser Type	Ytterbium-doped fiber
Wavelength	1064 nm
Laser Source MTBF	100,000 hours
Laser Process	Laser cleaning, Laser texturing, Laser marking
Typical Weight	500 kg
Cooling	Air cooling
Power Requirements	120V, 230V, 240V / 15-30 AMP
Power Consumption	1.5 kW to 3 kW
Operating Temperature	10°C to 35°C
Communications	NA - HMI controlled
Machine Loading	Manually loaded
Max Part Size (W x D x H)	900 x 600 x 150 mm
Part Material	Nickel plated steel, Aluminium, Copper, Stainless steel (All Metals)
Fumes Extraction	Included
General Dimensions (W x D x H)	2040 x 1300 x 1900 mm (1700mm depth with laptop tray)



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