



Dlyte 100

Dlyte 100 is a metal surface finishing equipment using dry electropolishing technology for companies with medium to large production. It is specially designed to treat high-value, small, fragile and delicate parts that require high-demanding finishing requirements and R&D purposes. Its one-step automatic process reduces the complexity of current multi-step finishing processes, while improving cost efficiency and repeatability. This machine does not require a closed-up system to recycle water and sludge waste treatment machinery, therefore decreasing space, labor, and environmental licenses for waste management. It is suitable for pieces with a working volume capacity of 180 Ø mm x 80 mm and a maximum weight of 5 kg.

FINISHING PROCESSES

- + Precision finishing
- + Smoothing
- + Mirror finishing
- + Deburring
- + Rounding
- + Corrosion resistance
- + AM post-processing

Anti-vibratory system and Holder Checking Tool included.

01. MACHINE SPECIFICATIONS

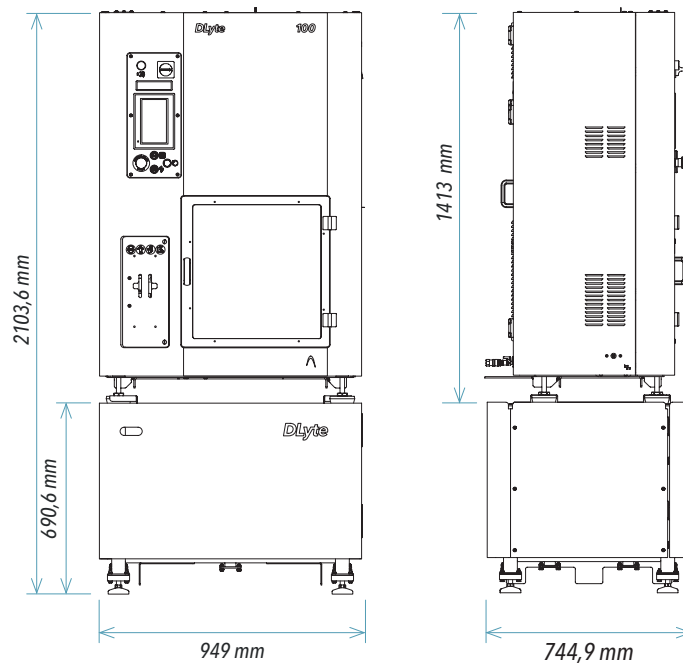
TECHNICAL DATA		
Capacity (per cycle)		180 Ø x 80mm (maximum volume centered to the axis)
Machine Dimensions		949 x 1413 x 688,5 mm
Support Dimensions		949 x 690,6 x 744,9 mm
Machine Weight		217,5 (247.5 kg Cs Series)
Support Weight		100 kg ☺
Power		5 kW (single phase with industrial plug)
Voltage		220 V - 240 V*
Air Pressure		4-5 bar (air connector: 8mmØ or 1/4' BSP')

Consumption of 40 l/min. The air quality must be 1.5.1* according to ISO 8573. (*) Air quality required for a maintenance every 6 months (change of filters).

02. SERIES MODEL

MODEL NAME	FREQUENCY	DESCRIPTION
DLyte 100	LF	Designed to treat materials included in the Steel group, Cobalt-chrome group, Copper and Nickel based alloys group with Low Frequency parameters.
DLyte 100 HF	HF	Designed to treat materials included in the Steel group, Titanium group, Nickel based alloys group and Aluminium group with High Frequency parameters.
DLyte 100 +HF	LF+HF	Designed to treat materials included in the Steel group, Cobalt-chrome, Titanium group, Copper based alloys group, Nickel based alloys group, and Aluminium group materials with High Frequency and Low Frequency parameters.

03. TECHNICAL DRAW



* The Products included in this document may be protected by one or more patents and patent applications detailed at: <https://www.dlyte.com/patents/>