DLyte100-S7_Rev D_0524_EN

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 decreseasing 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.
Cathode set and holder are not included.

01. MACHINE SPECIFICATIONS

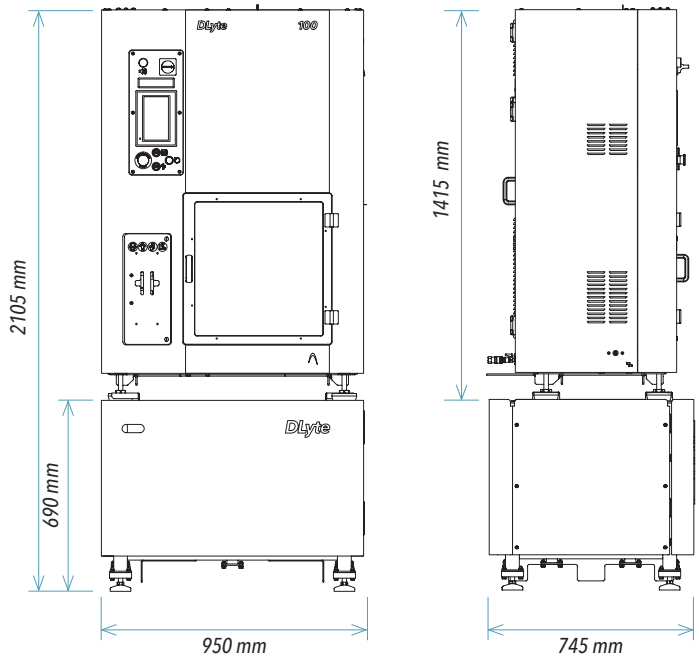
TECHNICAL DATA		
	Capacity (per cycle)	*180 Ø x 80mm (maximum volume centered to the axis)*
	Machine Dimensions (L x W x H)	*950 x 745 x 2105 mm*
	Machine Weight	*250 kg*
	Support Weight	*68 kg*
	Power	*3.5 kW (single phase with industrial plug)*
	Voltage	*220 V - 240 V**
	Air Pressure	*4-5 bar (air 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



* This product is protected by one or more of the following patents and patent applications: Patents https://www.gpainnova.com/patents