

DLyte 1D

DLyte 1D uses the dry electropolishing technology to polish any casting, sintered or milled pieces. It offers high-quality polishing for Cobalt-Chrome and Titanium for all types of spacers, crowns, bars, anatomical structures, implants and orthodontic supports. It has a capacity of 4 RPDs, 8 crowns, 4 bars per working cycle with an average processing time of 20-40 minutes. Its automatic one-step process reduces the complexity of current multi-step process substituting electrolytic bath and labor, therefore reducing costs and time, while achieving traceable and predictable results.

Anti-vibratory support, a holder checking tool, and a holder head designed to hold holder fingers, bars, crowns, attachment, spring, and wire included.

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

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01. MACHINE SPECIFICATIONS

TECHNICAL DATA	Work piece weight capacity	1.5 kg
	Bucket capacity (per cycle)	Ø90 x 70 mm
	Bucket capacity (per cycle) DENTAL	4 RPDs, 8 crowns, 4 bars
	Machine dimensions (L x W x H)	500 x 700 x 1870 mm
	Machine weight	115 kg
	Support weight	38 kg
ELECTRICAL	Power (Main socket)	2 kW
	Full load current (Main socket)	10 A
	Voltage	230 V~ ±10 % (1Phase+N+PE)
	Frequency	50 - 60 Hz
	Power cable extension	3 m
	Power connector type	Type F plug 2 poles + PE
	Applicable earth leakage breaker	Rated current : 16 A Sensitivity current : 30 mA Note: To be prepared by customer
	Cable Qty x size (including ground)	3 cores × 1.5 mm^2
HYDRAULIC	Distilled water tank capacity	1.2 L
PNEUMATIC	Air pressure	4 - 5 bar
	Air hose inlet	Ø8 mm or 1/4' BSP
	Air quality	[5:4:4] according to ISO 8573-1 Filter[5]: ≤ 1 µm; Air dryer, [4]: Dew point < 3°C; Oil[4]: ≤ 5 mg/m^3
	Line air supply	40 L/min
ENVIRONMENTAL	Acoustic pressure emission	< 70 dB(A)
	Operating temperature	+5 °C to +35 °C
	Storage temperature	-10 °C to +70 °C
	Recommended humidity	30 - 70 % RH without condensation
	Machine Index Protection	IP20
	Electric cabinets and peripherals IP	IP22

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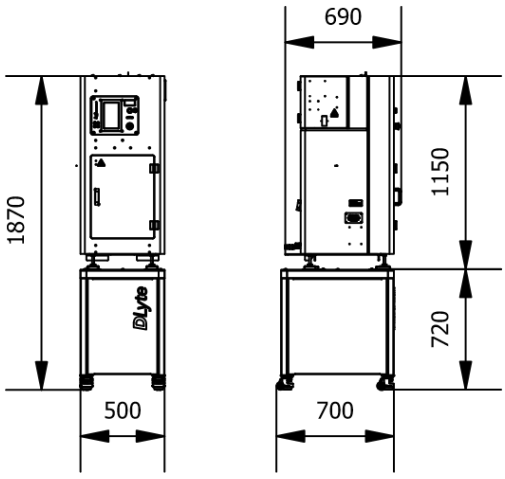
OPERATIONAL	Main turning	Yes
	Auxiliar turning connector (holder motor)	Yes - 24V
	Vertical movement	Yes
	Holder vibration connector	Yes
	Base vibration	Yes
	External pneumatic stop cock	Yes
	HMI size	7"
	Tower light	Accessory
	Media refrigeration	No
	Air cleaning gun	No
	Cleaning bucket	No
	Holder mixer	No
	Tester tool	Yes

02. BUCKET

TYPE	Cathode Set Dry Electrolyte	Yes
	Cathode Set Dry Suspension Electrolyte	Yes
	Cathode Set Dry Suspension Electrolyte with refrigeration system	No
CAPACITY	Electrolyte capacity	6 L

03. TECHNICAL DRAWING



* Values in mm

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