

DLyte 100D

DLyte 100D 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 12 RPDs, 18 crowns, 18 bars for each working cycle with an average of 20-40 minutes time cycle. 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 system and Holder Checking Tool included.
Cathode set and holder are not 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	8 kg
	Bucket capacity (per cycle)	Ø180 x 80 mm
	Bucket capacity (per cycle) DENTAL	12 RPDs, 18 crowns, 18 bars
	Machine dimensions (L x W x H)	950 x 745 x 2105 mm
	Machine weight	250 kg
	Support weight	68 kg
ELECTRICAL	Power (Main socket)	3.5 kW
	Full load current (Main socket)	15 A
	Voltage	230 V~ ±10 % (1Phase+N+PE)
	Frequency	50 - 60 Hz
	Grounding connection	TN-S system
	Power cable extension	3 m
	Power connector type	CETAC 32A plug 2 poles + PE
	Applicable earth leakage breaker	Rated current : 25 A Sensitivity current : 30 mA Note: To be prepared by customer
	Cable Qty x size (including ground)	3 cores × 4.0 mm^2
HYDRAULIC	Distilled water tank capacity	9 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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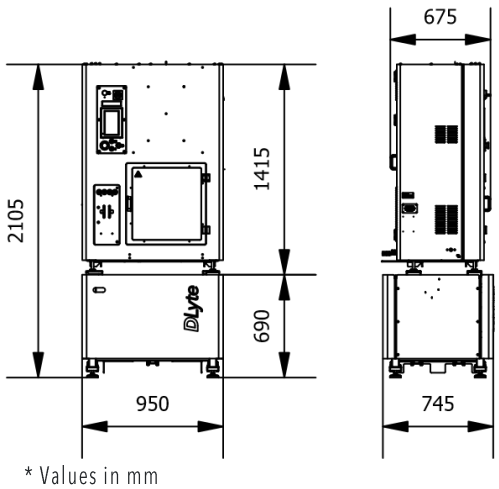
OPERATIONAL	Main turning	Yes
	Auxiliar turning connector (holder motor)	Yes - 24V
	Vertical movement	Yes
	Holder vibration connector	Yes
	Base vibration	Yes
	External pneumatic stop cock	Yes
	HMI size	7"
	Tower light	Accessory
	Media refrigeration	No
	Air cleaning gun	No
	Cleaning bucket	No
	Holder mixer	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	16 L

03. TECHNICAL DRAWING



* Values in mm

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