



DLyte mini

**Automated polishing
of metal dental parts**

Easy and affordable mirror-finishing results

DLyte Mini is the ultimate ultra-compact polishing solution for dental laboratories that need to automate their polishing processes at a very low outlay, while obtaining high-quality, consistent results in a single step.

Based on the DryLyte Technology, this tabletop device achieves mirror-finishing results for Cobalt-Chrome RPDs, crowns, bridges, and bars. Its finishing processes respect complex geometries, tight tolerances, and it is fully repeatable.

DLyte Mini is also the perfect complementary machine to existing DLyte equipment. It can be used as a secondary, quick-step process to achieve a superior shine. With a small footprint system, it can be quickly implemented in any dental laboratory.

2 pieces per cycle in 20-40 minutes

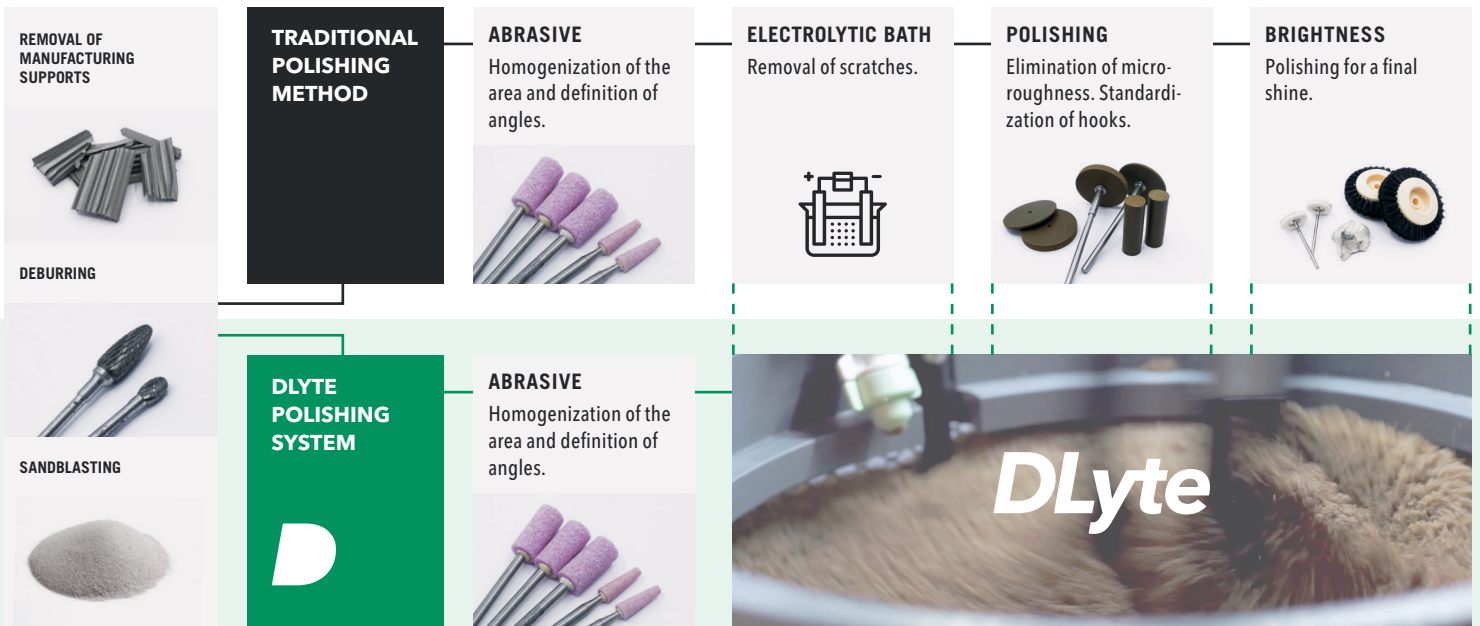


SUITABLE FOR INTERNAL CAVITIES THAT CANNOT BE ACCESSED MECHANICALLY

REDUCED COSTS BY UP TO 80%

IT PRESERVES THE INITIAL SHAPES & RESPECTS TIGHT TOLERANCES

STANDARDIZED PRODUCTION



Automated polishing and cleaning

DLyte Mini is composed of a polishing unit with a fixturing for 2 RPDs and a motorized head that combines a planetary and orbital motion inside the drum containing the electrolyte media.

This machine is equipped with a two-stage cleaning system that thoroughly rinses the piece and removes any remaining electrolyte.

The holder and machine head are assembled into the deposits for efficient, automatic cleaning after the polishing process, offering the most complete solution in a compact system.

Our fixturing solutions are specifically designed for quick and easy clamping of parts, enabling you to clamp two RPDs in seconds.



Integrated rinsing system



Cleaning with water



Cleaning with oil

Its plug-and-play system and intuitive user interface ensures a user-friendly experience.



Easy to use

STEP 1

Load the holder with the parts and insert it into the machine



STEP 2

Insert the motor head on the machine



STEP 3. POLISHING STEP (20-40 minutes)

Select the polishing program and start the program



STEP 4

Once the polishing process is over, detach the motor head, pull out holder from the machine, and place it in the oil cleaning tank.



STEP 5. CLEANING STEP

Attach the motor head to begin the automated cleaning. Repeat this step with the water-cleaning tank. Once it is done, unload the finished parts.



TECHNICAL DATA

Dimensions	420 (Width) x 766 (Height) x 730 mm (Length)
Weight	30 kg
Rated voltage	230 V
Frequency	50-60Hz
Power	0.8 kW

Add a second machine body for superior brightness

For a superior, perfect mirror finishing result, a two-step polishing process can be applied by combining the DLyte Mini with a complementary machine body. This process can achieve a final mirror finishing result in as little as five minutes.

The second body comes with the same two-stage cleaning system that effectively rinses the pieces and removes any leftover electrolyte after the second polishing step.

The second machine employs the same machine head used for polishing in the DLyte Mini, allowing a fast and easy combination of polishing processes.



SERVICES

Personalized assistance is assured throughout the product implementation and life cycle in your dental laboratory.



SAMPLE
PROCESSING



TRAINING &
CONSULTING



FULL SERVICE
PACKAGE



MAINTENANCE
SERVICES



SOFTWARE
UPDATES



CUSTOMER
CARE

Powered by **DryLyte** Technology

The patented DryLyte Technology, electrochemical polishing which uses active solid particles, is protected by patents owned by DryLyte S.L. GPAINNOVA owns the exclusive right to sell the DryLyte Technology, and only companies authorized by GPAINNOVA have the right to utilize or distribute the equipment and consumables using the DryLyte Technology.

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



Founded in Barcelona in 2013 and settled in Sunrise (Florida, USA), Hong Kong and Shenzhen (Mainland China), GPAINNOVA specializes in surface finishing solutions for metal and alloy parts through DLyte.

The group designs, manufactures, and markets advanced surface finishing machinery, accessories, and consumables based on their patented dry electropolishing technology, DryLyte.

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