

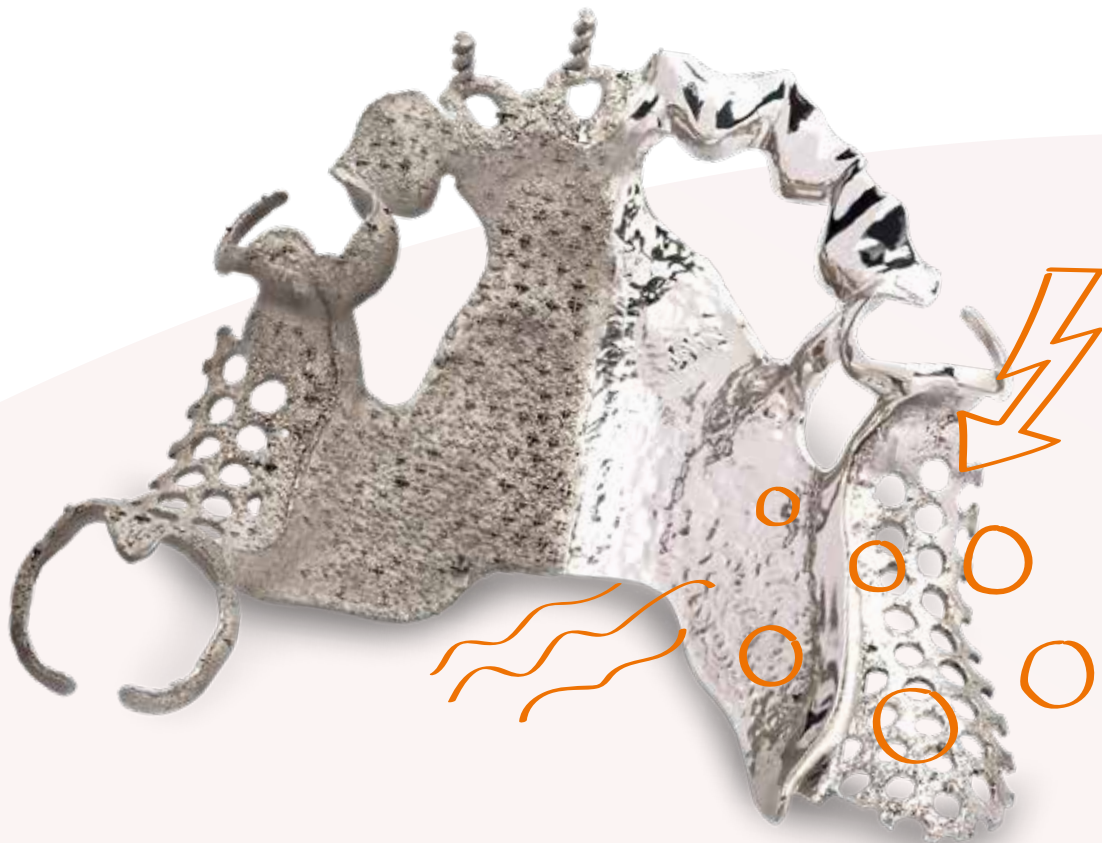
.....**CADTools**.....

together with

DLyte

The new standard in polishing

The only automated system
that provides better results
than hand polishing



For your successful future

We are partners


According to the vision as "leading counterpart for more added value in dental technology" a cornerstone has been laid, which directs actions in our company.

Best quality and a **fair price-performance ratio** combined with **transparency** and **simplicity** are our corporate principles.

These values shape our strengths and create your success.

In our day-to-day cooperation, we concentrate on the fundamental issues that make an essential contribution to long-term value creation - economically and ecologically.

All these trend-setting guidelines serve one goal: not to leave your side as a long-term and reliable partner.



In order to better respond to the special wishes and needs of our target group - dental laboratories from all over Germany and Europe - we entered into a future-oriented cooperation with the innovation leader **GPAINNOVA** in 2021.

GPAINNOVA is a Spanish technology company founded in 2013 with offices in Barcelona, Miami, Hong Kong and Shenzhen, which specializes in metal surface treatment machines and medical devices, among others.

Together for you.



Businesspartner of CADdent®

Markus Förg
Customer Service
and Sales

Benjamin Lauer
Technical Support
and Sales



Always there for you with joy and enthusiasm

Our colleagues are at your side and support you exactly in whatever is important to you. Whether technical support or simple queries - we want to be your team player, simplify your processes and that at any time.

At MINDFAB we have a clear focus: you as a customer and partner.

Give us a call!

Phone: +49 821 455252-0 or email: augsburg@cadtools.eu

The prices for the respective products can be found on pages 10 - 13.

Enjoy the information, areas of application and possibilities on the following pages.

A new standard in polishing

DLyte equipment automates metal alloy polishing for the dental sector, improving quality while reducing costs



Better results than manual polishing, in one step

The polishing action is based on a unique and innovative dry electropolishing technique that reaches every internal cavity which can not be accessed mechanically. DLyte allows the polishing of pieces from any casting, sintered or milled manufacturing processes.

DLyte offers high-quality polishing for cobalt-chrome and titanium.

Respects tolerances



Preserves the initial shape



Mirror finishing and homogeneous results



How it works

DLyte

Step 1

The parts are clamped onto the holder



Step 2

The holder is introduced into the machine



Step 3

The program is selected



Step 4

Average of 50-60 minutes per cycle



Before DLyte



After DLyte

Impact on your business

REDUCE COSTS BY UP TO 80%



The dust emitted during manual polishing is dangerous for health.

Lower costs

The treatment does not require manual processing, reducing labor costs and eliminating the need to rework parts and the production of defective parts.

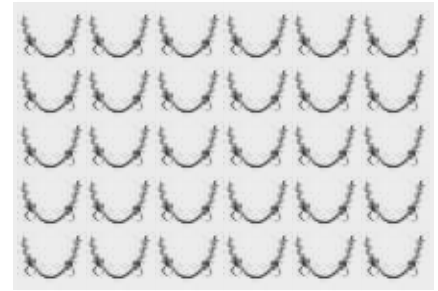
MAKE YOUR PRODUCTION MORE FLEXIBLE



Time saving

DLyte is an automatic process which reduces the complexity of the current multi-step processes. The entire process is completed in one step.

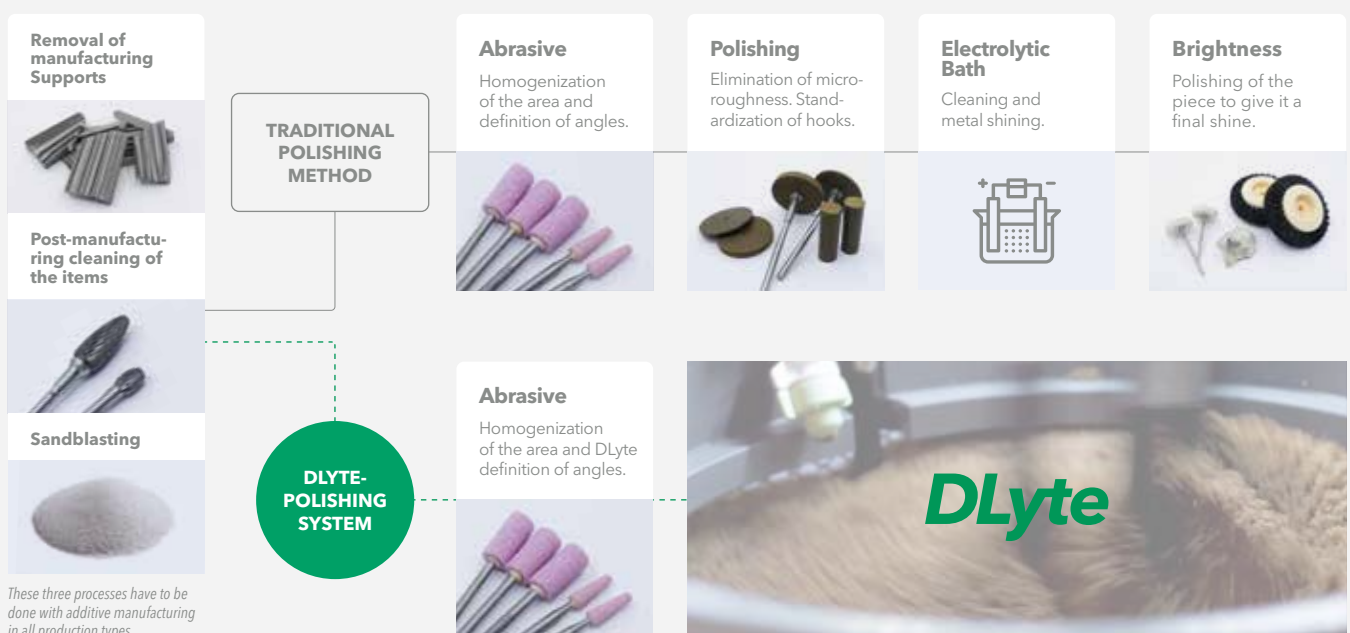
STANDARDIZE YOUR PRODUCT



Controlled production

DLyte offers a unique solution to meet the needs of the dental industry, with traceable and predictable results, according to polishing needs, production quantities, and/or piece dimensions.

Comparison between Traditional Polishing and the DLyte System



Materials and applications

Thanks to the wide variety of dry electrolyte medias, DLyte offers a high-quality finishing for Cobalt chrome and Titanium pieces.

DLyte provides superior results for all types of fixed or removable dentures, implantology systems and orthodontic products.



Fixed prosthesis

Polishing process from 30 to 45 minutes (depending on the type of manufacturing)



Implant prosthesis

Polishing process from 30 to 45 minutes (depending on the type of manufacturing)



Implant prosthesis

Polishing process from 50 to 80 minutes (depending on the type of manufacturing)



The results guarantee the effectiveness of our system



DLyte has proven the biocompatibility of the products processed with the DLyte System.

Corrosion resistance

The corrosion resistance of a piece of equipment is dependent not only on the selection of the most suitable alloy, but also on the correct treatment of the material. Many applications require a surface treatment after polishing to comply with corrosion resistance requirements. DLyte is a unique system that is able to remove roughness drastically and improve the corrosion resistance of the metal pieces while also reducing the number of processes required in the manufacturing process.



DLyte achieves better corrosion resistance than liquid electropolishing.

Proven biocompatibility

The medical and dental device sectors require clinically proven processes and products which ensure their compliance with the most demanding safety regulations.

The manufacturer must guarantee that the devices meet all appropriate requirements. In particular, they must perform a risk/benefit analysis and evaluate the biocompatibility and the toxicity of the materials used.



Improvement of the working environment

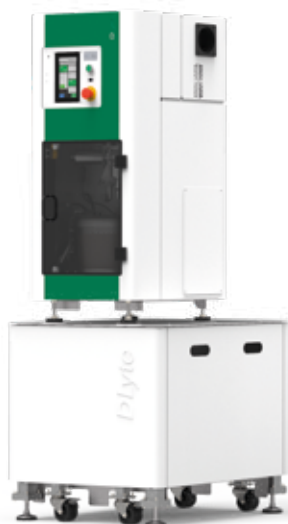
The DLyte process does not require any rubber tip, electrolytic bathing or brushing, but simply an abrasive preparation beforehand.

By reducing the traditional multi-step process, DLyte improves working conditions, and drastically reduces the toxicity of the current polishing.



From small to large production requirements

DLyte offers three equipment configurations to meet the different production capacity requirements of the dental industry. Each configuration has three versions, based on the materials that are to be treated.



DLyte1®

The most compact version. This machine is designed for laboratories with low production requirements.



DLyte10®

This medium-sized system is easily integrated into a medium-sized laboratory.



DLyte100®

The solution for laboratories with large production requirements.

TECHNICAL SPECIFICATIONS

Capacity (per cycle)	2 RPDs
Machine dimensions	510 x 1150 x 690 mm
Support dimensions	510 x 690 x 680 mm
Machine weight	96 kg
Support weight	47 kg
Power	2 kW ☺
Voltage	220-240 V
Air pressure	4-5 bar

TECHNICAL SPECIFICATIONS

Capacity (per cycle)	4 RPDs
Machine dimensions	820 x 1280 x 680 mm
Support dimensions	820 x 680 x 680 mm
Machine weight	173,5 kg
Support weight	87 kg
Power	3 kW ☺
Voltage	220-240 V
Air pressure	4-5 bar

TECHNICAL SPECIFICATIONS

Capacity (per cycle)	9 RPDs
Machine dimensions	950 x 1410 x 730 mm
Support dimensions	950 x 700 x 740 mm
Machine weight	217,5 kg
Support weight	100 kg
Power	5 kW ☺
Voltage	220-240 V
Air pressure	4-5 bar

Every DLyte device comes with a one-year warranty.

Additional services are available upon request.



Schulung und
Beratung



Garantieerlängerungs-
Paket



Full-Service-
Paket



Software-
Updates

Different versions for each configuration
(only for DLyte1, DLyte10 and DLyte100).

D For Cobalt chrome parts

DHF For Titanium parts

D+HF For Cobalt chrome and Titanium parts

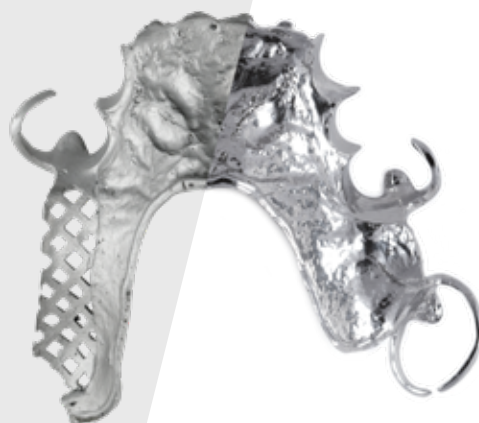
DLyte DENTAL

The First **Dry** Electropolishing System

Price list DLyte and Accessories

Automatic · Clean · Easy-to-use

The only automated system that produces better results
than hand polishing.



DLyte Dental Series 1



SYSTEM	CODE	MATERIALS	PRICE
DLYTE 1D	GPA002600S03	CoCr	20.900 €
DLYTE 1D HF	GPA002630S03	Ti	22.500 €
DLYTE 1D+HF	GPA002640S03	CoCr / Ti	25.000 €
CoCr: Cobalt chrome / Ti: Titanium			



HOLDER	CODE	CAPACITY PER HOLDER	PRICE
Finger 1D for 2 RPD + Initial Kit	GPA018431	2	1.000 €
Each framework is fixed to the holder with a clamp			



ELECTROLYT	CODE	LIFESPAN	MANUFACT. PROCESS	COST/PIECE	PRICE
CoCr 01	D0621000001	100	CoCr casting / Milling / AM	3,25 €	650 €
CoCr 3 MIX	D160101001	100	CoCr casting / Milling / AM	4,00 €	800 €
CoCr 06 GEL	D0631000001	100	CoCr brightener	ca. 0,68 €*	650 €
Ti Mix	D160003032	50	Ti casting / Milling / AM	16,00 €	800 €
AM: Additive Manufacturing *: Based on an average processing time of 120 minutes					

DLyte Dental Series 10



SYSTEM	CODE	MATERIALS	PRICE
DLYTE 10D	GPA003000S06	CoCr	35.000 €
DLYTE 10D (4.0* PLC)	GPA004920S06	CoCr	40.000 €
DLYTE 10D (4.0 PLC-UL)	GPA005500S06	CoCr	40.000 €
DLYTE 10D HF	GPA003045S06	Ti	40.000 €
DLYTE 10D+HF	GPA003030S06	CoCr / Ti	50.000 €

CoCr: Cobalt chrome / Ti: Titanium | 4.0*: suitable for Industry 4.0 certification



HOLDER	CODE	CAPACITY PER HOLDER	PRICE
Finger 10D for 4 RPD + Initial Kit	GPA018430	4	1.600 €

Each framework is fixed to the holder with a clamp



ELECTROLYT	CODE	LIFESPAN	MANUFACT. PROCESS	COST/PIECE	PRICE
CoCr 01	D0721000001	100	CoCr casting / Milling / AM	2,50 €	1.000 €
CoCr 3 MIX	D170101001	100	CoCr casting / Milling / AM	4,00 €	1.600 €
CoCr 06 GEL	D0731000001	100	CoCr brightener	0,50 €	1.200 €
Ti Mix	D170003032	50	Ti casting / Milling / AM	13,00 €*	1.300 €

AM: Additive Manufacturing | *: Based on an average processing time of 120 minutes

DLyte Dental Series 100



SYSTEM	CODE	MATERIALS	PRICE
DLYTE 100D	GPA009000S06	CoCr	70.000 €
DLYTE 100D (4.0* PLC)	GPA004930S06	CoCr	75.000 €
DLYTE 100D (4.0* PLC-UL)	GPA005510S06	CoCr	75.000 €
DLYTE 100D HF	GPA009025S06	Ti	80.000 €
DLYTE 100D+HF	GPA009030S06	CoCr / Ti	100.000 €

CoCr: Cobalt chrome / Ti: Titanium | 4.0*: suitable for Industry 4.0 certification



HOLDER	CODE	CAPACITY PER HOLDER	PRICE
Finger 100D for 9 RPD + Initial Kit	GPA013564	9	2.100 €

Each framework is fixed to the holder with a clamp



ELECTROLYT	CODE	LIFESPAN	HERSTELLVERFAHREN	COST/PIECE	PRICE
CoCr 01	D0821000001	100	CoCr casting / Milling / AM	2,22 €	2.000 €
CoCr 3 MIX	D180101001	100	CoCr casting / Milling / AM	3,56 €	3.200 €
CoCr 06 GEL	D0831000001	100	CoCr brightener	0,40 €	2.400 €
Ti Mix	D180003032	50	Ti casting / Milling / AM	10,67 €* 2.400 €	

AM: Additive Manufacturing | *: Based on an average processing time of 120 minutes

2025 Goals

together with

DLyte

from technician to technician

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