

Product Specifications

| Item | Polylase LP / AL-40 | Polylase LP / EPY-50 |
|------------------------------------|--|--|
| Laser Type | Long Pulse Alexandrite Laser | Long Pulse Nd:YAG Laser |
| Laser Wavelength | 755 nm | 1064 nm |
| Max. Energy Per Pulse, J | 60 J | 60 J |
| Laser Pulse Width | 0.5-100 ms (user selectable) | 0.5-100 ms (user selectable) |
| Max. Average Power | 100 W | 120 W |
| Pulse Repetition Rate | Single Shot – 5 Hz | Single Shot – 10 Hz |
| Beam Delivery | Optical fiber, 10 feet (3 m) length | Optical fiber, 10 feet (3 m) length |
| Optical Fiber core diameter | 1000 µm | 1000 µm |
| Handpiece Spot Size | 10 mm, 12 mm or 16 mm dia. (Optional 20 mm dia. available) | 10 mm, 12 mm or 16 mm dia. or 2 mm, 3 mm and 4 mm in "Vein" mode. |
| Max. Energy Fluence | 30 J/cm ² @ 16 mm spot size 75 J/cm ² @ 10 mm spot size | 30 J/cm ² @ 16 mm spot size 75 J/cm ² @ 10 mm spot size High (>400 J/cm ²) fluence settings are available with small spot size (vein) objective. |
| Handpiece Cooling | Compressed chilled air jet | Compressed chilled air jet |
| Dimensions (HxWxL) | 33" x 15" x 34.5" (845x380x880 mm) | |
| Weight | 65 kg (143 lbs.) | |
| Power Requirements | 215-240V single phase ~50/60Hz, 20A | |

| Applications | Polylase | AL-40 | EPY-50 |
|-----------------------------|----------|----------|----------|
| Hair Removal | X | X | X |
| Facial and Leg Veins | X | | X |
| Vascular Lesions | X | X | X |
| Pigmented Lesions | X | X | |
| Facial Wrinkles | X | | X |

Polylase™ Laser Family: FDA-cleared technologies and corresponding applications

DDC Technologies, Inc.
 311 Woods Avenue, Oceanside, NY 11572
 Tel.: (516) 594-1533 Toll-Free: (866) FIND LASer
 Tech. Support: (516) 770-0441
 E-mail: sales@ddctech.com
www.ddctech.com



NEW POLYLASE™ LASER FAMILY

Unparalleled Features In Our Super Compact Aesthetic Laser Systems

- Fast, Reliable, Powerful
- Compact – Easy to transport
- On demand use – No warm-up required
- Sealed Handpiece with Fast Motorized Spot Size Change
- Versatile with Multiple FDA Cleared Applications
- Low Maintenance and Low Cost of Ownership



POLYLASE LP - DUAL OUTPUT - MULTIPLE APPLICATIONS

The Polylase LP is a dual wavelength laser system that combines the fastest and most powerful 755 nm Alexandrite laser with the 1064 nm Nd:YAG laser for high performance treatment capabilities. Every hair removal professional knows how critical the correct combination of many different parameters is for the final success of a treatment. Now the choice is easy: DDC Technologies POLYLASE LP integrated aesthetic laser station, which offers maximum flexibility in all skin type hair removal, pigmented and vascular lesions treatment including facial and leg veins, non-ablative wrinkle reduction, sun-damaged skin and freckles. The POLYLASE LP provides a unique combination of appropriate wavelength, energy fluence and correct pulse duration settings. Such flexibility lets you effectively treat patients with different skin types and conditions: The Alexandrite laser provides high efficacy for hair removal on light skin (types I-IV). This wavelength is also indicated for removal of age/sun spots (lentiginos), port wine stains and birth marks. The Nd:YAG laser provides the advantages of safe hair removal on dark/tanned skin (types IV-VI) and efficient spider veins treatment. The wide range of selectable pulse durations (0.5 ms to 100 ms) and high repetition rate (up to 10 Hz) makes the Polylase YAG one of the most effective for non-ablative wrinkle reduction (collagen rebuild) treatments. The flexibility of the POLYLASE is combined with fastest treatment speed among available Alexandrite lasers, exceptional reliability, ease of use and low cost of operation and maintenance.



Advantages at a Glance

Dual-Laser System

- One system- two types of lasers for advanced applications
- Careful and effective depilation for all skin types due to correct wavelength. Treats nearly every hair diameter and color.
- High patient satisfaction due to high application efficiency

Economy

- Dual output versatile laser to cover most of your practice demands (also available in affordable Nd:YAG or Alexandrite single laser configuration for your most important tasks)
- No costly consumables with low maintenance costs compared to competition
- Reduced treatment time due to unsurpassed laser speed and power

Design

- Low space requirements with easy transportability due to compact size and light weight
- User friendly: easy to learn, convenient to use
- Rapid spot size changes with handpiece power zoom lens
- On demand use – no need to wait for warm-up – It's ready whenever you are



AL-40 – ADVANCED ALEXANDRITE LASER EFFICACY, SELECTIVITY AND SPEED

The AL-40 laser offers all advantages of Alexandrite 755 nm wavelength, which is highly absorbed by melanin, providing superior efficacy for the removal of unwanted hair on light skin types (I-IV). It also effectively treats epidermal pigmented lesions such as age spots, sun spots, birth marks and freckles. The AL-40 is smaller, lighter and more portable than competitors' systems with comparable output. And with up to 5 pulse/sec and over 100 W of max average power it is the fastest and most powerful Alexandrite laser available. High output energy allows using large spot sizes (up to 20 mm in diameter), which is very important for fast treatment of the large areas, such as man's back or legs. In addition to unsurpassed speed and power, the AL-40 (as well as POLYLASE and EPY 50 systems) comes with unique Compressed Air Jet skin cooling system. This continuous action cooling allows conducting treatment at high pulse repetition rates, yet does not require any consumables! This is the device that meets most demanding requirements from both large aesthetic centers and practitioners in small cosmetology offices or Medi Spas. Upper back and shoulders hair removal: 3 months after third treatment

EPY-50 Nd:YAG LASER – FAST, RELIABLE AND AFFORDABLE

The EPY-50 Nd:YAG laser has all advanced features of the POLYLASE LP Nd:YAG, yet offers affordable and more lightweight package. It is ideal for the hair removal practice with more dark-skinned (types IV-VI) patients, as well as broken capillaries/spider veins and leg veins vascular treatments. It delivers high pulse rep. rates (up to 10 pulse/sec) for effective non-ablative facial wrinkles treatment.

