FOR CLINICS, BEAUTY SALONS & DISTRIBUTORS

TECHNICAL DATA SHEET

Manufacturer-published specifications and configuration · 01 / system

PARAMETER	PUBLISHED VALUE
Source designation	ThulErbe Dual Pro 68
Machine power	1000 W
Screen	15.6-inch touch LED
Cooling system	Air cooling
Power supply	AC 110–130 V or AC 220–240 V, ±10% · 50/60 Hz
Operating temperature	0–40 °C
Storage temperature	0–60 °C
Package size	112 × 46.5 × 53 cm
Gross weight	45 kg
Net weight	26 kg

TWO WAVELENGTH PATHS

2 CHANNELS

1927 NM

THULIUM LASER

30 W · Fractional Pulse / Super Pulse · 0.1–20 ms · 1–300 mJ · adjustable dot pitch and scan graphics.

1550 NM

ERBIUM FIBER LASER

30 W · Continuous Wave · 1–1000 Hz · 5 ± 0.5 mm collimated spot · power tuning 0–100%.

SCAN CONTROL

FRACTIONAL & SLIDING MODES

Square, circle, triangle and custom graphics · graphic size 1 × 1 mm to 20 × 20 mm.

Published ranges describe device capability. They are not starting settings or a treatment prescription.
Channel table: 1550 nm is listed as CW; 1927 nm as Fractional Pulse / Super Pulse. A separate system comparison lists all three collectively. Confirm delivered channel availability before use.

Professional use only. Operated by trained professionals under the manufacturer's instructions and local regulations. Results vary; no outcome, comfort level or treatment course is guaranteed.

02 / CHANNEL SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Manufacturer-published channel parameters

PARAMETER	1550 NM · ERBIUM	1927 NM · THULIUM
Output power	30 W	30 W
Operating mode	Continuous Wave (CW)	Fractional Pulse · Super Pulse
Frequency / pulse width	1–1000 Hz	Pulse width 0.1–20 ms
Pulse energy	Not stated in the channel table	1–300 mJ, adjustable
Spot / focus	Collimated spot 5 ± 0.5 mm	Spot size ≥1 mm focus
Dot pitch	Not stated	0.1–2.0 mm, adjustable
Scan mode	Not stated separately	Sequence / Random
Scan graphics	Not stated separately	Square · Circle · Triangle · Custom
Graphic size	Not stated separately	1.0 × 1.0 mm to 20 × 20 mm
Beam / optical detail	M^2 <1.1 · beam deviation <5 mrad	Not stated in the channel table
Power stability / tuning	Instability <3% · tuning 0–100%	Not stated in the channel table
Guide / spectrum / polarization	650 nm guide · <1.5 nm @3 dB · random	Not stated in the channel table
Internal supply	24–28 V	Not stated in the channel table

MODE NOTE
Channel table: 1550 nm is listed as CW; 1927 nm as Fractional Pulse / Super Pulse. A separate system comparison lists all three collectively. Confirm delivered channel availability before use.

DOCUMENTATION
The supplied material identifies the source designation as ThulErbe Dual Pro 68. Ask for the exact export model, serial format and certificate coverage before ordering. The generic certificate pack in this set does not certify this model.

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