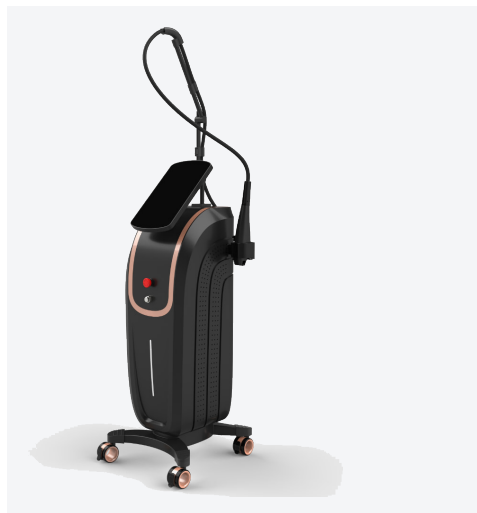


SERIES 4 · 1927NM THULIUM FIBRE LASER

Regent R4 Thulium

Precision at a Different Depth.



The Regent R4 uses a 1927nm thulium-doped fibre laser with configurable pulse architecture, layered treatment modes and precision scanning — engineered for controlled, repeatable operation.

1927nm	Thulium Fibre	Up to 15W	0.1-5.0ms
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TECHNICAL SPECIFICATIONS

Wavelength	1927nm
Laser medium	Thulium-doped fibre laser
Laser power	15W
Beam delivery	Optical fibre
Pulse width	0.1 – 5.0ms
Spot size	1 × 1mm – 20 × 20mm
Scan mode	Order, centre or random
Cooling	Air cooling
Scanning patterns	Rectangle / triangle / round / hexagon, where configured
Handpieces	Standard and optional heads, quick-change

KEY HIGHLIGHTS

1927nm thulium fibre laser	Up to 15W output
1 × 1mm – 20 × 20mm spot	0.1 – 5.0ms pulse width

Configurable scan patterns

SCAN PATTERNS

Rectangle · Triangle · Round · Hexagon

CAPABILITY DETAIL

The 1927nm wavelength

The supplied system uses a 1927nm thulium fibre laser. This wavelength interacts strongly with water-containing tissue, which is why it is applied superficially rather than at depth. This is a technical description of the equipment, not medical advice.

Layered precision

Layered treatment modes, configurable parameters, precision scanning, real-time system monitoring, automatic energy calibration and multiple scan patterns are available through the operating interface.

System monitoring

The interface reports operating status and calibration state in real time, supporting consistent professional workflow across a treatment day.

WARRANTY AND SUPPORT

Five-year warranty on all equipment. Cover is conditional on the platform being serviced exclusively by Regent Medical Aesthetics for the full warranty term. Servicing, parts or modification by any other party voids the five-year cover. Operator familiarisation and ongoing technical support are provided with every installation.

REGULATORY STATUS

Australian regulatory status: Awaiting confirmation from Regent — not published. ARTG status: Not confirmed. No claim of TGA approval, ARTG inclusion, FDA clearance, clinical efficacy or safety guarantee is made for this platform. Permitted indications are determined by regulatory approvals and operator qualifications in the relevant jurisdiction.

SAFETY

This is a Class IV laser platform. It requires appropriate operator training, protective eyewear and control measures, and a suitable operating environment that complies with applicable Australian legislation, standards and state or territory laser licensing requirements.

ENQUIRIES

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Information contained on this website is provided for professional product information purposes only and is not medical advice. Equipment availability, intended use, permitted indications and operator requirements may vary according to regulatory approvals and jurisdiction. Product specifications may change. Practitioners are responsible for ensuring that equipment is used by appropriately qualified personnel and in accordance with applicable legislation, standards, manufacturer instructions and professional requirements.