

SKINTASTIC AESTHETICS

LD1

Dermatological Diode Laser System

MHRA REGISTERED MEDICAL DEVICE

CLASS 4 LASER (BS EN 60825-1)

Clinically Engineered. Commercially Powerful. Exclusively Skintastic.

SkinTastic
Aesthetic UK



Regulatory Standing & Professional Recognition

Skintastic Aesthetics operates within recognised UK regulatory and professional frameworks, delivering medical grade laser technology supported by structured governance and regulated education.

Medicines & Healthcare products Regulatory Agency

British Medical Laser Association

Financial Conduct Authority

Focus Awards, Ofqual-Regulated Awarding Organisation

Registration with, or membership of, the bodies listed above does not imply their endorsement or approval of Skintastic Aesthetics or of this device.



Established Since 2011

Skintastic Aesthetics has been trading and delivering advanced laser systems and regulated aesthetic education since 2011. With over a decade of operational experience, the company is recognised for:

Regulatory compliance

Clinical precision

Professional training

Device traceability

Long-term aftercare support

☐ This longevity reflects stability, governance and experience within the UK aesthetic laser sector.



Your Machine, Your Branding

Every LD1 is built to order. Choose the shell colour and finish, and have your own company name set into the handpiece as an illuminated LED panel.



White



Champagne



Charcoal



Brushed Silver

- ☐ Your company name is engraved into a dedicated recessed panel on the handpiece and backlit in LED. Not a sticker, not a printed badge. Included at no extra cost with every LD1.



Laser hair removal across the whole body, for every Fitzpatrick skin type.

Full legs

Underarms

Bikini and Brazilian

Back and shoulders

Chest and abdomen

Arms

Upper lip and chin

Full face

Beard shaping and reduction

Neck and nape

Hands and feet

Hard to reach areas

☐ One handpiece, three spot sizes. Everything from a full back to an upper lip, without changing equipment.



Clinical Results: Before and After

Genuine Skintastic client and student photographs, used with consent. Individual results vary.



Laser Hair Removal

Before and after. Significant reduction in hair density on the underarms following treatment.



Laser Hair Removal

Before and after. Significant reduction in hair density and coverage following a course of treatment.



Laser Hair Removal

Before and after. Visible reduction in hair density with smoother, more even skin texture.



Quad Wavelength Technology & Engineering

2400W US Coherent laser source. 2400W laser power, 100% pure AuSn laser stack, 40 million shot stack lifespan.

Wavelength Configuration

1

755nm

For thin and light hair with shallow root

2

808nm

For average root depth and thickness

3

940nm

Deeper penetration, targeting the follicle's blood supply

4

1064nm

For dark hair with deep root

The full four wavelength configuration allows treatment across all Fitzpatrick skin types with appropriate protocol selection and client assessment.

Diode Handpiece Engineering

Three interchangeable spot sizes:

- 30 × 25mm. For large body areas
- 15 × 15mm. For facial treatments
- 8mm diameter. Precision tip for delicate zones

3D magnetic smart tip recognition automatically adjusts preset parameters according to selected applicator.

- US Coherent laser bars
- Pure AuSn laser stack construction
- 32 bit intelligent processor
- Self intelligent alarm protection system

Shot Lifespans

- 40M diode laser stack lifespan shots
- 1M IPL SHR handpiece lifespan shots
- 3M Nd:YAG handpiece lifespan shots

Engineered for extended clinical longevity and reduced long term replacement costs.



DIODE HANDPIECE

3D Intelligent Tip Recognition

Three spot sizes in one handpiece, with automatic tip recognition.

Body Tip

30 × 25mm. For large body areas such as back and legs

Facial Tip

15 × 15mm. For facial treatments and smaller areas

Mini Tip

8mm diameter. Precision tip for delicate zones

- ☐ **Attach any tip to the handle. The system recognises which tip has been fitted and applies the pre-set parameters for it automatically.**



360 Degree Cooling on the C-MAX Diode

The tip and handle connect around their full circumference, producing an even cooling effect that reaches as low as -20°C at the treatment contact point.

Comfort During Treatment

Continuous sapphire crystal cooling substantially reduces discomfort throughout the session

Epidermal Protection

360 degree cooling coverage protects the epidermis throughout the entire treatment process

Consistent Temperature

Integrated cooling maintains stable contact temperature, supporting safe and consistent energy delivery

- ❑ -20°C C-MAX contact cooling for substantially reduced discomfort throughout treatment



Real-Time Monitoring in the Diode Handpiece

Inside the C-MAX handle, a high-precision PT100 sensor continuously detects real-time cooling temperature and output energy, controlling the sapphire crystal at a constant 4°C to ensure the skin is fully protected throughout treatment.

Real-time TEC cooling plate status. Continuous monitoring of cooling plate performance

Real-time treatment tip temperature. Live temperature feedback at the contact point

Real-time pulse width and output energy. Monitors energy delivery with every pulse

Total shots recorder. Tracks cumulative shot count for maintenance planning

☐ If a fault occurs, the monitoring screen identifies exactly which component is at fault, so support can be targeted immediately.



All Skin Types, All Wavelengths

The LD1's quad wavelength configuration allows laser hair removal to be planned across all six Fitzpatrick skin types, from the lightest Type I complexions through to the deepest Type VI. By matching each wavelength to the characteristics of the target hair follicle, the practitioner can select an appropriate protocol for each client following individual assessment.

1**755nm**

Specifically suited to fine, lightly pigmented hair with a shallow follicular root depth. This wavelength offers exceptional melanin absorption at superficial depths, making it the preferred choice for lighter hair types.

2**808nm**

The gold-standard wavelength for hair removal, ideally suited to hair of average pigmentation, root depth and follicular diameter. Delivers reliable penetration across a broad range of skin and hair combinations.

3**940nm**

Penetrates more deeply than 808nm and is absorbed by the blood supply feeding the follicle, which suits blood-rich areas such as the underarms and bikini line. Firing alongside the other three wavelengths widens the range of hair and skin types treatable in a single pass.

4**1064nm**

Designed for deeply rooted, densely pigmented hair on darker skin types. The longer wavelength penetrates to greater follicular depths with reduced epidermal melanin absorption, ensuring both efficacy and patient safety.

☐ **One machine. Four wavelengths. Every skin type covered, from Fitzpatrick Type I through to Type VI.**



Monitoring, Alarming & Water Filtration Systems



Double Water Filters, Unique Design



PP cotton filter and resin filter, unique double filter design. The **PP cotton filter** removes larger particulates such as dust and impurities from the water, while the **resin filter** removes metal ions such as calcium. Diode laser bars demand very high water quality, so effective filtration is essential. Two extra water filters are fitted to protect the UK-imported xenon lamp, greatly prolonging handpiece lifespan to 1 million shots.

US Coherent Laser Bars

The diode stack is built on imported US Coherent laser bars.

UK Imported Xenon Lamp

Made in the UK and protected by the double water filter system.

Industrial 44.000µF Capacitors

Stable, uninterrupted power delivery without pulse fluctuation.

Monitoring System



The advanced monitoring system makes after-sales support much easier and faster. Each line on the diagnostic screen stands for a specific part of the machine:

- **S12V** control voltage
- **D12V** control board
- **DOUT** cooling system
- **S24V** water pump
- **L12V** constant current power supply

If a problem ever occurs, the monitoring screen identifies exactly which part is at fault, so the correct replacement can be sent immediately.

Alarming System



An alarm does not mean the machine has a fault; it is the machine's built-in self-protection.

- **Water Flow Speed** reminds you to fit new water filters
- **Water Temperature** reminds you to run the temperature calibration
- **Water Impurity** reminds you to change to fresh water
- **Water Level** reminds you to top up the machine
- **Handle Button Status** reminds you to release the button to return to standby

Easy Interface & Treatment Record Saving

The DLP4's operating system gives a clear clinical workflow, supporting consistent treatment delivery and structured client records.

System Features

Intelligent Operating System

Pre-Set Treatment Parameters

Treatment Record Saving

15 Language Options

Monitoring System

Alarm System

Rental Mode

Treatment Record Saving

Every patient has different skin tone, hair type and pain tolerance. The Treatment Record Saving System allows practitioners to save the most suitable parameters for each individual client. When the client returns, their personalised settings can be retrieved instantly — saving time and ensuring consistent, optimised results every session.



High Quality Components

Every component in the DLP4 is sourced from established manufacturers. Sound engineering underpins long-term clinical reliability.

Schneider Brand Switch

Premium switching components for reliable power control

Solid State Relay

Industrial-grade relay for stable and consistent operation

Dazhi Power Supply

High-performance power supply ensuring stable energy output

Brushless DC Water Pump

Efficient, quiet and long-lasting water circulation

32-Bit Intelligent Processor

Proprietary intelligent processor for precise parameter control

Korean-Made Water Filters

High-purity filtration protecting laser bars and extending component lifespan

Japanese HCG Capacitors

Premium capacitors delivering stable, uninterrupted energy output

☐ Every component is specified for long-term clinical reliability rather than lowest cost.



Technical Specification

Complete specifications for the LD1 quad wavelength diode platform.

Diode Laser

Lifespan	40 million shots
Power	2400W laser / 5000W total system
Spot size	25 x 30mm, 15 x 15mm, 8mm diameter
Wavelength	755nm + 808nm + 940nm + 1064nm
Energy density	1 to 150 J/cm2
Handle display	2.9 inch LED screen in the handle
Pulse frequency	1 to 10Hz
Pulse duration	10 to 300ms
Laser bars	US Coherent laser bars

Machine & Build

Cooling	Sapphire crystal, air, closed water circulation, semiconductor and TEC
Display	10.4 inch true colour LCD touchscreen
Continuous working	10 to 12 hours
Electrical	100/110V 50 to 60Hz or 230 to 260V 50 to 60Hz
Net weight	62kg
Gross weight	92kg
Packing dimensions	65 x 68 x 120cm (W x D x H)

Specifications as declared by the manufacturer and correct at the time of publication.

What's Included With Your LD1 Investment

Your LD1 is supplied as a fully compliant, revenue-ready and brand-aligned clinical system.

Installation & Setup

- Engineer delivery and installation
- Full system setup and calibration
- On site PAT testing
- Operational handover

Laser Protection & Governance

- Twelve months' Laser Protection Adviser support provided by Dr Godfrey Town
- Health and Safety at Work Act 1974
- BS EN 60825 laser safety standards
- Control of Artificial Optical Radiation Regulations 2010

Laser Safety Eyewear

- EN 166 safety glasses
- CE non-reflective blackout goggles
- EN 207 glasses, LPA-approved
- Included with every purchase



Custom colour, finish and logo options available.

£16,999 +
VAT

Current offer price, reduced from £19,999 + VAT. Finance options are available through authorised partners, subject to status and individual lender approval.



1

Training & Qualifications

RQF regulated qualification pathway:

- Level 4 Laser and IPL included where required
- Core of Knowledge laser safety training included

2

Equipment & Support

- Start-up kit including safety eyewear, blackout shields, consumables, analyser probe and treatment accessories
- Two year manufacturer warranty included
- Optional three year and five year extended cover available
- Fully bespoke manufacturing with custom colour selection, finish options and engraved logo integration

Four days manufacturer operating training delivered at Skintastic Southampton Academy including: parameter selection and treatment endpoints, safe energy management, client suitability assessment, live model practical sessions, device maintenance and optimisation, and the pre-treatment energy test protocol.

Choose the Purchase Route That Suits Your Clinic

1

Complete Clinical Package

Includes the LD1 device, the C-MAX handpiece with all three interchangeable tips, engineer installation and calibration, PAT testing, operational handover, LPA package, practical training and applicable qualification pathway, subject to entry requirements. Complimentary shell-colour, logo and illuminated handpiece branding are included.

2

Qualified Practitioner Package: 15% Off

Available where the purchaser already holds both a regulated Level 3 Anatomy and Physiology qualification and a regulated Level 4 Laser and IPL qualification. Evidence of both qualifications must be supplied and approved before the discount is applied.

3

Machine-Only Purchase: 20% Off

Available for established clinics and suitably qualified practitioners requiring the device only. Excludes engineer installation, PAT testing, LPA services, training and regulated qualifications. Complimentary shell-colour and logo customisation remains included.



Why Buy From Skintastic?

Every DLP4 is backed by a complete clinical, educational and governance infrastructure, not just a machine.

MHRA-Registered Device

UK Responsible Person

Ofqual-Regulated Qualification Pathway

Core of Knowledge Training

Engineer Installation

On-Site PAT Testing

One-to-One Practical Training

Live-Model Sessions

12 Months Named LPA Support

Bespoke Local Rules

FCA-Regulated Finance Options

UK Technical Support

Site Audit Report

Risk Assessment

Spare Parts Availability

Complimentary Custom Branding

LPA Site Visit

Optional Extended Warranty

☐ **Clinically Engineered. Commercially Powerful. Exclusively Skintastic.**





CLINICAL GOVERNANCE

Clinical Governance Partnership

Dr Godfrey Town, Laser Protection Adviser

All DLP4 systems are supplied within a recognised governance framework overseen by Dr Godfrey Town, one of the UK's leading Laser Protection Advisers.

Local Rules

Bespoke Local Rules document prepared for your device and premises.

Risk Assessment

Comprehensive laser risk assessment aligned with UK safety regulations.

Site Audit Report

On-site audit confirming compliance readiness.

Named Laser Protection Adviser

Dr Godfrey Town named as your LPA for 12 months.

Ongoing Compliance Guidance

Continued expert advice to maintain regulatory standing.

Supporting safe, compliant and insurable laser practice across the UK



Pricing and Purchase Routes

Three ways to buy the LD1, depending on the qualifications you already hold. Every route includes the machine, the full documentation pack and the same warranty.

ROUTE ONE · MOST POPULAR

Complete Clinical Package

£16,999

PLUS VAT

Everything you need to open. Engineer installation, PAT testing, Laser Protection Adviser package, and Ofqual regulated Level 4 Laser and IPL training for one practitioner.

For a clinic starting from nothing

ROUTE TWO

Qualified Practitioner Package

£15,299.10

PLUS VAT

Save 10%

For buyers who already hold regulated Level 3 Anatomy and Physiology and Level 4 Laser and IPL. You do not pay twice for training you have already done.

Installation and LPA package included

ROUTE THREE

Machine Only Purchase

£13,599.20

PLUS VAT

Save 20%

The machine, the documentation pack and the warranty. Training is not included, so this route suits an established clinic adding a second system.

Training not included

Warranty. **Two years on the system, with 12 months on the diode bars.**

Yours, at no extra cost. **Custom shell colour, engraved logo and your clinic name in LED on the handpiece, on every route.**

Finance available, **subject to status.** Skintastic Aesthetic Supplies Ltd is authorised and regulated by the Financial Conduct Authority, FRN 964293, with secondary credit broking permission.

Meet the Team

Built on laser expertise, and committed to your success.



Carla Cooper-Gale

Lead Trainer | Assessor | IQA | UKRP

Over 15 years of specialist laser experience, with more than 7,500 students trained internationally. UK Responsible Person for medical devices.

UKRP

MEDICAL DEVICE COMPLIANCE SPECIALIST

ASSESSOR

IQA



Brenda West

Internal Quality Assurer

Retired senior nurse and Internal Quality Assurer with decades of clinical experience, maintaining standards of training, assessment and the award of qualifications.

SENIOR NURSE (RETIRED)

IQA



Dr Godfrey Town, PhD

Laser Protection Adviser

Registered Laser Protection Technologist and Medical Physicist with a PhD in laser physics. Decades of experience advising clinical and research environments on laser safety.

PHD LASER PHYSICS

REGISTERED LPA

MEDICAL PHYSICIST



Jamie-Lee Jones

Business Mentor

Founder of The Salon Whisperer and owner of B-Unique Beauty and Aesthetics, an award-winning salon in Wiltshire. Sixteen years in the industry, mentoring salon and clinic owners to build businesses that are profitable and no longer dependent on the owner working every hour.

BUSINESS MENTOR

SALON OWNER

INDUSTRY EDUCATOR

Skintastic Aesthetic Supplies Ltd is registered in England and Wales, company number *11028743*, registered office 26 The Avenue, Southampton SO17 1XL. VAT registration number 368859917. Authorised and regulated by the Financial Conduct Authority, firm reference number 964293. We act as a credit broker, not a lender. Finance is subject to status and individual lender approval.

Get In Touch

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Clinically Engineered. Commercially Powerful. Exclusively Skintastic.
Skintastic Aesthetic Supplies Ltd, raising standards in advanced laser aesthetics since 2011.

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