



PLATINUM CO2 FRACTIONAL LASER

www.platinumlasers.co.uk



PLATINUM CO2 FRACTIONAL LASER

The CO₂ Fractional Laser is an advanced resurfacing system designed for skin rejuvenation, scar reduction, and surgical precision.

Its fractional technology ensures effective treatment with minimal downtime, making it ideal for skin clinics and aesthetic practices. The system supports multiple treatment modes including vaginal rejuvenation and surgical cutting.

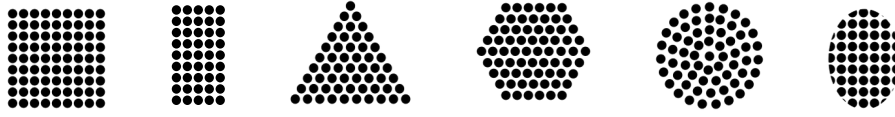
Key Features

- ✓ Fractional Scanning with Adjustable Shapes & Sizes
- ✓ Multiple Treatment Modes: Fractional, Ablative and Gaynea
- ✓ Touchscreen Interface with Smart Control Panel
- ✓ Customisable Depth, Energy & Pulse Width Settings
- ✓ Minimised Downtime with Precise Thermal Control



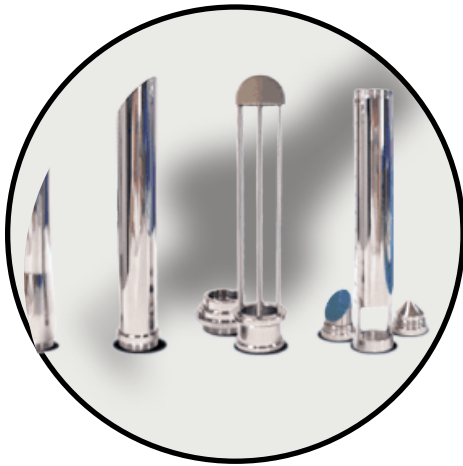
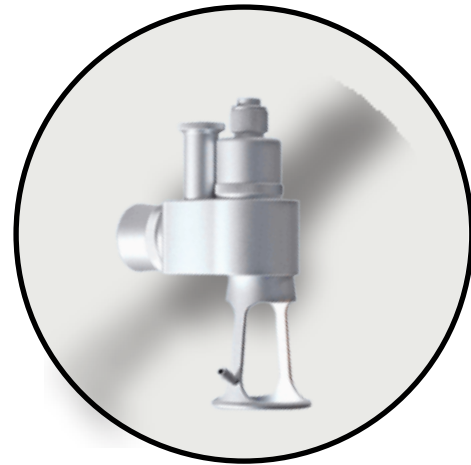
Three Treatment Handles

Various Shapes, Handpieces and Gynecology Handpieces



Fractional Scanning head

The core component that emits a grid of microbeams to create fractional ablation on the skin. It utilizes rapid scanning technology to distribute laser energy evenly, ensuring consistent treatment depth and coverage while minimizing thermal damage to surrounding tissues.



Gynea Treatment Tips

Sterilizable attachments that customise the laser's spot size, pattern, and energy density for specific procedures e.g Monalisa Touch and External Skin Resurfacing. These tips maintain hygiene, reduce cross-contamination risks, and enable tailored approaches for different skin types or concerns.

Cutting Head

A high-intensity attachment optimised for ablative procedures requiring focused incisions (e.g., lesion removal, deep resurfacing). It delivers concentrated CO₂ energy in continuous-wave mode for precise tissue cutting with simultaneous coagulation, reducing bleeding.



Key Principles

The CO₂ Fractional Laser is an advanced resurfacing system designed for skin rejuvenation, scar reduction, and surgical precision. Its fractional technology ensures effective treatment with minimal downtime, making it ideal for skin clinics and aesthetic practices. The system supports multiple treatment modes including vaginal rejuvenation and surgical cutting.

Why Choose the **Platinum Co2 Fractional Laser?**

Precision Resurfacing with Minimal Downtime

The Platinum CO₂ delivers highly effective skin resurfacing, scar reduction, and wrinkle reduction—while preserving comfort and minimising recovery time.

Multi-Mode Flexibility Across All Treatment Areas

Fractional, Ablative and Gaynea modes allow practitioners to treat a wide range of skin concerns and perform minor surgical procedures with one device.

Smart Control for Personalised Results

With adjustable pulse width, energy, and depth, clinicians can precisely tailor treatments to match patient skin type, condition, and desired outcome.



**Korea Imported 7
Joints Arm.**

**12.4 inch Touchscreen,
Easy to Operate.**

3 Modes:
1. **Fractional Laser**
2. **Ablative Laser**
3. **Gynae**

Medical CE Approved



Applications

The Platinum CO₂ Fractional Laser offers powerful versatility for aesthetic, surgical, and gynecological treatments. Its precision and adaptability make it ideal for skin resurfacing, acne and surgical scar reduction, wrinkle and pigment correction, vaginal rejuvenation, and minor dermatological procedures—with clinically proven results and minimal downtime.



Wrinkles



Acne scars



Large Pores



Skin Texture



Medona Eye Lift



Wrinkles Reductions



Pigment removal



Stretch Marks Treatment

Technical Specifications

Laser Type	Carbon Dioxide Fractional Laser
Laser Wavelength	10600nm
Laser Power	Up to 40W (optional)
Light System	7 joint arms
Pulse Duration	0.1-10ms
Spot Distance	0.2-2.6mm
Scanning Mode	Sequence, random, parallel (switchable)
Scanning Shapes	Triangle/Square/Rectangle/Round/Oval/Hexagon/Line
Max Treatment Area	≤20mm × 20mm
Display	12.4-inch Color Touch Screen
Cooling System	Air-cooling & Water-cooling
Power Input	AC 230V±10%, 50Hz / AC 110V±10%, 60Hz

Treatment Protocols

Clinician & Client Guide – UK Standards

1. Fractional Treatments

Uses microthermal zones to stimulate collagen with partial skin preservation.

1. Skin Resurfacing Treatment



Pre-Treatment:

Exclude contraindications (active eczema, herpes simplex, keloid history).
Patch test required for Fitzpatrick IV–VI skin types (risk of hyperpigmentation).

Treatment Protocols

Mode	Power	Duration	Distance	Interval	Scanning	Time
Fractional (Superficial Peel)	4-10 W	1.2-1.5ms	0.4-0.8 ms	5 - 8 ms	Normal	1 th
Fractional (Mediam Peel).	10-15 W	1.2-1.5ms	0.6-0.8 ms	5 - 8 ms	Normal	1 th
Fractional (Deep Peel).	20-30 W	1.2-1.5ms	0.4 - 0.7ms	5-8 ms	Normal	2-3 th

Post-Treatment:

Day 1–3: Expect Redness / swelling. Itching is common avoid scratching.

Day 1-14: Apply Sukalming Serum and Cream. Use Cryogenic Activator every 2-3 hours.

Day 4–7: Peeling occurs; use moisturisers.

Use TP Suncream Daily

Avoid: Sun exposure, Heat Inducing Treatments, Chemical Peels, Swimming, Suana, Steam and other exfoliants for 4 Weeks.

2- Acne Scars



Pre-Treatment:

Assess scar type (icepick, boxcar, rolling).
Topical anaesthetic (e.g., EMLA) optional.

Treatment Protocols

Mode	Power	Duration	Distance	Interval	Scanning	Time
Fractional	15-20 W	1.0-1.5ms	0.4–0.8 ms	5 - 8 ms	Normal	1 th
(Midsplit for deep scars)..	20-30 for atrophic scars)	1.0-1.5ms	0.4–0.8 ms	5 - 8 ms	Normal	2-3th for Deep Scars



Post-Treatment:

Day 1–3: Expect Redness / swelling. Itching is common avoid scratching.

Day 1-14: Apply Sukalming Serum and Cream. Use Cryogenic Activator every 2-3 hours.

Day 4–7: Peeling occurs; use fragrance-free moisturiser.

Use TP Suncream Daily

Follow-up: 4–6 weeks between sessions (3–5 sessions typical)

Avoid: Sun exposure, Heat Inducing Treatments, Chemical Peels, Swimming, Suana, Steam and other exfoliants for 4 Weeks.

C. Stretch Marks & Deep Scars



Mode	Power	Duration	Distance	Interval	Scanning	Time
Fractional (Deep Scars).	20-30 W	1.2-1.5ms	0.4 - 0.7ms	5-8 ms	Normal	2-3 th
Fractional (Stretch Marks).	10-15 W	1.2-1.5ms	0.6-0.8 ms	5 - 8 ms	Normal	1 th



Post-Treatment:

Day 1–3: Expect Redness / swelling. Itching is common avoid scratching.

Day 1-14: Apply Sukalming Serum and Cream. Use Cryogenic Activator every 2-3 hours.

Day 4–7: Peeling occurs

Use TP Suncream Daily

Silicone gel recommended for scar remodelling

Avoid: Sun exposure, Heat Inducing Treatments, Chemical Peels, Swimming, Suana, Steam and other exfoliants for 4 Weeks.

Follow-up: 4–6 weeks between sessions (3–5 sessions typical)

Ableative Treatments



Pre-Treatment:

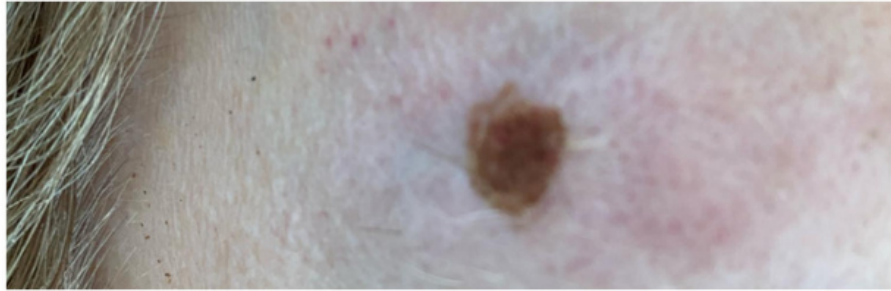
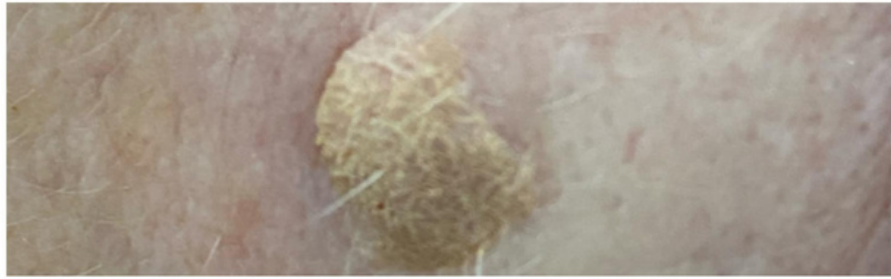
Cleanse + nerve block/topical anesthesia (lidocaine).
Mark treatment area.

Treatment Protocols

	Power	Duration	Distance	Mode	Interval
Unfractionated (Continuous/Cutting)	1–20 W	1.5–1.8 ms.	5ms	Single	5 ms

Post-Treatment:

Apply petrolatum-based ointment (e.g. Polyfax) × 10 days.
Itching is common avoid scratching.
Silicon gel for scar prevention.



PIC•COLLAGE



PIC•COLLAGE

3. Gynaecological Treatments

External / Internal Skin Resurfacing (Labial, Perineal)

Pre-Treatment

Exclude active infections (e.g., thrush, BV).

Shave 24 hours prior.

Mode	Power	Duration	Points	Interval	Scanning	Time
Gynae (external)	10-20 W	1.2-1.6ms	10-15	5 - 8 ms	Normal	1 th
Gynae (Internal)	8-12 W	1.2-1.6ms	10-15	5 - 8 ms	Normal	1 th

Post-Treatment

Avoid: Tight clothing

No intercourse for 14 days.

Avoid: Sun exposure, Heat Inducing Treatments, Chemical Peels, Swimming, Sauna, Steam and other exfoliants for 4 Weeks.

PLATINUM CO2 LASER CONSULTATION & CONSENT FORM

Clinic Name: _____

Practitioner: _____

PATIENT DETAILS

Name

Date of Birth

Phone Number

Email

Address

Gender: ☐ Male ☐ Female ☐ Other

Contact

MEDICAL HISTORY

☐ Current Medications: (List): _____

☐ Allergies: (e.g., lidocaine, dressings): _____

☐ Pregnancy/Breastfeeding: ☐ Yes (exclude) ☐ No

☐ Skin Conditions: ☐ Eczema ☐ Psoriasis ☐ Herpes ☐ Keloids

☐ Photosensitivity Disorders: ☐ Lupus ☐ Porphyria

Smoker? ☐ Yes (↑ scarring risk) ☐ No

A. FRACTIONAL TREATMENTS

- ☐ Skin Resurfacing (Wrinkles/Pigmentation)
- ☐ Acne Scars (Type: ☐ Icepick ☐ Boxcar ☐ Rolling)
- ☐ Stretch Marks/Deep Scars (Location: _____)

ABLATIVE TREATMENTS

- ☐ Benign Lesions (Type: ☐ DPN ☐ Seborrheic Keratosis ☐ Skin Tag ☐ Wart)
- ☐ Other: _____ (Biopsy required if atypical)

C. GYNAECOLOGICAL TREATMENTS

- ☐ External Resurfacing (Labial/Perineal)
 - ☐ Internal Resurfacing (Vaginal Laxity/Atrophy)
-

TREATMENT-SPECIFIC CONSENT

Fractional Consent: I understand

- ☐ Downtime: 3–21 days redness/peeling.
- ☐ Risks: Hyperpigmentation (10% risk in Fitzpatrick IV–VI).
- ☐ Sessions Needed: 3–5 (4–6 weeks apart).

Ablative Consent: I understand

- ☐ Crusting will occur (7–14 days).
- ☐ Infection Risk: Keep area clean; use prescribed ointment.

Gynaecological Consent: I understand

- ☐ Internal Probe Use (for vaginal treatments).
- ☐ Post-Treatment Restrictions: No intercourse/tampons ×7 days.

PRE-/POST-TREMENT DECLARATIONS

Pre-Treatment: I confirm I have

- ☐ Avoided sun exposure x4 weeks.
- ☐ Stopped retinoids/AHAs x7 days.
- ☐ No active infections in treatment area

Post-Treatment: I will

- ☐ Apply SPF 50+ daily (fractional/ablative).
- ☐ Use water-based lubricants only (gynaecological).
- ☐ Attend follow-up on: //_____.

PHOTO CONSENT & SIGNATURES

- ☐ I consent to clinical photos for records.
- ☐ I do not consent (may limit treatment accuracy).
- ☐ Treatment 3
- ☐ Treatment 4
- ☐ Treatment 5

I confirm I have read all risks, had my questions answered, and consent to treatment as described."

Patient Signature: _____ Date: //_____

Clinician Signature: _____ Date: //_____

Settings Used:

Fractional: Power ___W | Distance ___mm | Passes ___

Ablative: Power ___W | Pulse Duration ___ms