

FLEXSYS

THE PLATFORM THAT ADAPTS TO YOUR NEEDS



MODULAR. GOOD VALUE.

MADE IN GERMANY.

LATEST TECHNOLOGY “MADE IN GERMANY”



SMART. SMALL. STRONG.

FLEXSYS

A MEDICAL PLATFORM THAT ADAPTS TO YOUR NEEDS

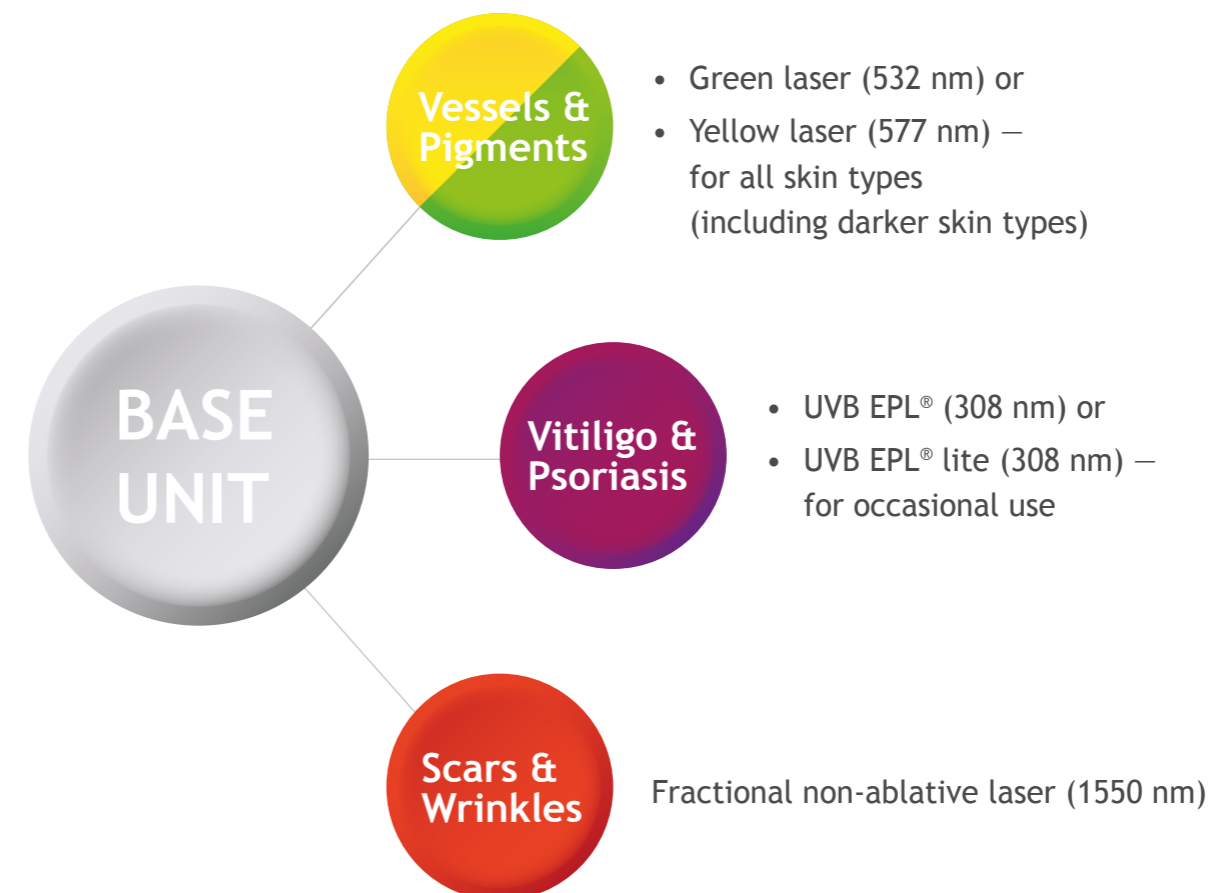
IDEA:

FlexSys can be equipped with up to 5 different modules for several indications. Initially, you purchase the base unit with your preferred module (e.g. base unit + green laser). Later on, you can add other modules.

ADVANTAGE:

The platform can be expanded and adapted to your needs without the necessity of buying another system.

OPTIONS:



UVB EPL® EXCIMER PULSED LIGHT MODULES FOR PSORIASIS AND VITILIGO

FACTS & FEATURES

1 POWERFUL AND FAST

Twice as fast as comparable devices*

Typical treatment times:

- 1–3 sec for a vitiligo lesion
- 2–7 sec for a psoriasis lesion

2 PRECISE

Light is delivered to the lesions by using fused silica adapters

Advantage: Superior visibility of the treatment area



3 VERSATILE

Treat multiple dermatologic indications with one device (e.g. psoriasis, vitiligo, atopic dermatitis)

Additional aesthetic indications (e.g. striae)

Optional adapter for intraoral treatments (e.g. lichen planus)

4 COST EFFECTIVE

Durable technology

No consumables

Reimbursement codes in most cases comparable with excimer laser**

5 COMPACT DESIGN

30cm x 30cm x 30cm (with base unit)

Fully transportable



UVB EPL® 308 nm applicator



UVB EPL® lite 308 nm applicator

TECHNICAL INFORMATION

SPECIFICATIONS

Light source	EPL® Excimer Pulsed Light
Wavelength	308 nm
Max. dose	6,000 mJ/cm ²
Power density	EPL®: 50 mW/cm ² or 100 mW/cm ² EPL® lite: 50 mW/cm ²
Max. treatment area	EPL®: 17.5 cm ² (50 mm x 35 mm) EPL® lite: Ø18 mm
Pulse duration	1 sec – 120 sec
Dimensions applicator (h x l x d)	EPL®: 13 cm x 12 cm x 22 cm EPL® lite: 12 cm x 6 cm x 16.5 cm
Weight applicator	EPL®: 1 kg EPL® lite: 0.4 kg
Indications	Vitiligo Psoriasis Alopecia Areata* Atopic Dermatitis* Mycosis Fungoides* Lichen Planus*

* Not approved in the US.

* 100 mW/cm² version
** depending on national regulations

YELLOW MODULE FOR VASCULAR TREATMENTS

FACTS & FEATURES

1 GOLD STANDARD WAVELENGTH

Yellow light ranging from 570 to 595 nm has been the gold standard for safe and effective vascular treatments for decades.

577 nm is the absorption peak of HbO₂ (oxygenated blood)

2 POWERFUL

5W output for high fluence and short pulses

Optional scanner enables fast and homogenous treatments of larger areas

3 VERSATILE

Wide range of vascular treatments: telangiectasia, couperosis, spider nevus, cherry angioma, venous lake, port wine stains or red spider veins

Suitable for the treatment of darker skin types

4 COST EFFECTIVE

Durable technology

No consumables

Reimbursement codes in most cases comparable with pulsed dye laser

5 COMPACT DESIGN

30cm x 30cm x 30cm (with base unit)

Fully transportable



Scanner



Handpiece

TECHNICAL INFORMATION

SPECIFICATIONS

Light source	OPSL (Optical pumped solid state laser)
Wavelength	577 nm
Fluence	4 – 100 J/cm ²
Power	5W
Max. treatment area scanner	10 mm x 10 mm
Spotsize handpiece	1.0mm
Pulse duration	4 ms – 100 ms
Dimensions scanner (h x l x d)	9.4cm x 3.7cm x 5.5cm
Dimensions handpiece (l)	17cm
Weight scanner	0.3 kg
Weight handpiece	0.1 kg
Indications	<ul style="list-style-type: none"> • Treatment of superficial vascular lesions (e.g. Rosacea) • Removal of benign pigmented lesions by means of coagulation and vaporisation • Removal of skin changes by means of coagulation and vaporization

NON-ABLATIVE FRACTIONAL MODULE FOR SCARS AND WRINKLES

FACTS & FEATURES

1 COLLAGEN FORMATION WITHOUT SIGNIFICANT DOWNTIME

This fractional laser uses a wavelength that heats the tissue in a controlled manner. The rise in temperature stimulates the formation of new collagen. Collagen is a fibrous protein that is responsible for giving the skin its elasticity and suppleness.

Down time is significantly reduced as the fractional non-ablative laser is only treating parts of the skin (MTZ = micro treatment zones) and does not involve tissue evaporation or ablation. That leads to improved patient acceptance compared with ablative treatments.

2 PRECISE AND FAST

A state of the art scanner enables you to choose the optimal shape, size and density for each treatment.

The laser needs only one pass to be effective, saving time and protecting tissue.

3 VERSATILE AND SAFE

Treatment of textural abnormalities: acne scarring, rhytides, and skin mottling associated with photoaging

Treatment of pigmentary variations: melasma, hyperpigmented scars, lentigines and dyschromia

4 COST EFFECTIVE

Durable technology

No consumables

5 COMPACT DESIGN

30cm x 30cm x 30cm (with base unit)

Fully transportable



Scanner

TECHNICAL INFORMATION

SPECIFICATIONS

Light source	Diode laser
Wavelength	1550nm
Energy	6 – 100 mJ
Power	15W
Max. treatment area scanner	10 mm x 10 mm
Pulse duration	< 10ms
Dimensions scanner (h x l x d)	9.4cm x 3.7cm x 5.5cm
Weight scanner	0.3kg
Indications	<ul style="list-style-type: none"> • Skin resurfacing • Treatment of dyschromia and cutaneous lesions: <ul style="list-style-type: none"> - Lentigos (age spots) - Solar lentigos (sun spots) - Actinic keratosis - Melasma - Periorbital wrinkles - Wrinkles - Acne scars and surgical scars

GREEN MODULE FOR VASCULAR TREATMENTS AND DEPIGMENTATION

FACTS & FEATURES

1 ESTABLISHED WAVELENGTH

532 nm (green) lasers are the workhorse for many dermatologists. It can be used for vascular treatment but also for depigmentation and ablation.

2 POWERFUL

8W output for high fluence and short pulses
Optional scanner enables fast and homogenous treatments of larger areas

3 VERSATILE

Wide range of vascular treatments: telangiectasia, couperosis, spider nevus, cherry angioma, venous lake, port wine stains or red spider veins
Suitable for the treatment of pigmentary disorders

4 COST EFFECTIVE

Durable technology
No consumables
Reimbursement codes in most cases comparable with pulsed dye laser

5 COMPACT DESIGN

30cm x 30cm x 30cm (with base unit)
Fully transportable



Scanner



Handpiece

TECHNICAL INFORMATION

SPECIFICATIONS

Light source	OPSL (Optical pumped solid state laser)
Wavelength	532 nm
Fluence	4 – 100 J/cm ²
Power	8W
Max. treatment area scanner	10 mm x 10 mm
Spotsize handpiece	0.7mm
Pulse duration	4ms – 100ms
Dimensions scanner (h x l x d)	9.4cm x 3.7cm x 5.5cm
Dimensions handpiece (l)	17cm
Weight scanner	0.3 kg
Weight handpiece	0.1 kg
Indications	<ul style="list-style-type: none"> • Treatment of superficial vascular lesions • Removal of benign pigmented lesions by means of coagulation and vaporisation • Removal of skin changes by means of coagulation and vaporization

TECHNICAL INFORMATION – BASE UNIT

SPECIFICATIONS

Dimensions (h x l x d)	30 cm x 30 cm x 30 cm
Weight	15 kg

PORTABLE. PROFITABLE. DURABLE.

Very low operating costs

No consumables or disposables

Durable light source

No restriction on treatment volume during warranty period



German Medical Engineering

Dreikoenigstr. 6-8
91054 Erlangen
Germany

Phone: +49 9131 934 1590

Homepage: www.gmeonline.de
E-Mail: info@gmeonline.de



Baan Panna Ekkamai-Ramintra (CentralFestival EastVille) No.106 Soi Nakniwat 6, Nakniwat Road Ladphrao Subdistrict, Ladphrao District Bangkok 10230 Tel: (+66)2 538 6996 Email: contact@aesla.com **bsi.** iso 9001:2015 & 14001:2015 www.aesla.com