NEOGEN™ EVO
NITROGEN PLASMA SYSTEM

SKIN RESURFACING
SKIN REJUVENATION
SKIN TIGHTENING
SKIN REGENERATION
SEVERE AND FINE WRINKLE REDUCTION
ACNE SCARRING
PIGMENTATION
PRECANCEROUS LESIONS
PHOTO DAMAGE
FOR FACE, NECK AND BODY
INTRODUCING NEOGEN® EVO

Following the success of NEOGEN™ PSR and SPA, Energist are launching the next generation of plasma technology in the NEOGEN™ EVO, purposely designed for Dermatologists and Aesthetic Doctors who want to stand out from their peers.

Clinically proven technology
Over 50,000 Nitrogen Plasma treatments have now been performed worldwide, 30 IRB clinically controlled studies carried out and 7 indications have been cleared by the FDA.

Meeting patient expectations
Physicians can customise settings to meet their patient’s attitude to results and downtime, with treatment protocols ranging from a ‘pain free, no downtime’ treatment to the equivalent of a full ablative treatment.

Equivalent to full ablative results but only 50% of the downtime
For those patients who seek demonstrable improvements, the NEOGEN™ EVO delivers results comparable to a full ablative treatment but with the safety and healing profile of a non-ablative treatment.

Treating multiple conditions simultaneously
The entire skin surface is regenerated with no untreated islands, contributing to improved tightening, colour, texture and tone, as well as the removal of pre-cancerous skin lesions.

Deep tissue remodelling
Post treatment, the epidermis acts as a natural dressing to provide protection and speed up healing compared with lasers which have inherent complications and risk.

Safe and precise alternative to blepharoplasty and facelift
Plastic Surgeons can offer their patients a non-surgical alternative, or a complementary treatment to enhance the improvement of their cosmetic surgery.

Increased skin permeability
Post treatment, there is an increased permeability of the skin barrier allowing increased absorption of topical preparations through the skin, enabling faster recovery and combination therapies.
HOW IT WORKS

Unique deep tissue remodelling with rapid healing
Nitrogen Plasma technology delivers controlled heating to the skin architecture stimulating a significant physiological response, without creating an open wound. Unlike ablative technologies, there is no epidermal vaporisation or charring caused at the time of treatment.

The unique energy delivered by NEOGEN™ EVO is non-fractionated and not dependant on a chromophore for its uptake. This provides uniform energy absorption, ensuring consistent treatment of the skin. At high energies it also supports significant tightening.

Unique technology
NEOGEN™ EVO converts nitrogen gas into plasma energy, the fourth state of matter. The plasma emerges from the hand piece in controlled pulses and rapid heating of tissue occurs as it gives up its unique thermal energy to tissue.

No open wounds
The treated photodamaged layers undergo a controlled thermal modification, whilst remaining intact. This creates a natural dressing to provide protection and speed up healing. At high energies the epidermis sheds, but only after a new, healthier skin architecture is formed beneath.

Treats the whole architecture
Treating the entire skin structure ensures optimal results as the entire surface is regenerated with associated neocollagenesis and neoelastogenesis. No islands of untreated skin remain. Clinical studies show significant tightening – an average of 22% improvement in upper eyelid tightening (JOCD 7, 169-179, 2008).

Handpiece

<table>
<thead>
<tr>
<th>Energy (J)</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0.65 - 1.0</td>
<td>Plasma Pulse</td>
</tr>
<tr>
<td>1.0 - 2.0</td>
<td>Zone of Thermal Damage</td>
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<tr>
<td>3.0 - 4.0</td>
<td>Line of Cleavage</td>
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NeoGen unique energy dependant effect
Between the Zone of Thermal Damage (ZTD) and the Zone of Thermal Modification (ZTM), a line of cleavage becomes evident, where the new epidermis forms. NEOGEN™ EVO uniquely enables the practitioner to control the depth of this line of cleavage by adjusting the level of energy delivered to the skin.
Wrinkle / Rhytides *
Pore Size Reduction
Active Acne
Tooth Whitening / Oral Infection
Melasma
Papillomavirus
Wrinkle / Rhytides *
Pore Size Reduction
Pre-Cancerous Lesions *
Severe Wrinkles
Tooth Whitening / Oral Infection
* Acne Scarring
Viral Papillomata *
Scars
Non Facial Wrinkles
Active Acne
Non Facial Wrinkles
Pigmentation
Photodamage
* FDA Cleared Indication
Stretch Marks
Onychomycosis
This technology delivered the clinical results that were promised. It is also backed by extensive research and clinical studies in which I was involved. I've seen dramatic results with it.

Edgar Fincher, M.D. Ph.D  
Fincher Dermatology & Cosmedic Surgery, Beverley Hills, CA

Nitrogen plasma technology provides a well-researched and very effective mechanism for skin regeneration. It is safe, low cost and reliable.

Christopher Zachary  
Professor & Chair, Department of Dermatology, University of California, Irvine

With this technology you have the epidermis acting as a natural dressing. There is no better dressing for your skin than your own skin cells, because they produce all the right combinations of growth factors and have the right stimuli to create new skin underneath. To me this is absolutely unique - I have not seen this before with any of the other resurfacing technologies, either CO2 or Erbium.

Eric F Bernstein, M.D.  
Main Line Center for Laser Surgery, Ardmore, PA

*One of the top non-surgical cosmetic procedures performed*

Time Magazine

*The future technology combines the benefits of CO2 resurfacing with the safety and healing profile of a non-ablative treatment*

American Society for Laser Medicine and Surgery

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**TRANSFORMING THE TREATMENT EXPERIENCE**

When a patient undergoes a NEOGEN™ EVO treatment, in addition to their specific need, they also benefit from a number of secondary effects unique to a Nitrogen Plasma treatment:

- ✓ Multiple conditions are treated at the same time.
- ✓ The whole skin architecture is treated.
- ✓ The skin remains intact creating a natural dressing to provide protection which promotes fast healing.

These unique secondary effects will provide increased customer satisfaction as a result of:

- ✓ Improved skin quality – texture, colour, tone and tightening.
- ✓ Fewer complications and risks compared with lasers.
- ✓ Treatments create a healthy, natural, lustrous appearance.
- ✓ No line of demarcation compared with fractional procedures.
- ✓ Longevity of results – elastosis continues to decrease for at least 1 year.
- ✓ Plasma leaves 3D collagen not flat collagen.
- ✓ Gold standard results around the eyes and mouth areas.
- ✓ Significantly less downtime due to protected healing.
EXCELLENT RETURN ON INVESTMENT

A fast return on your investment is ensured as the NEOGEN™ EVO brings your clinic a number of revenue generating capabilities:

- A spectrum of treatments to meet your patient’s expectations.
- Breadth of patients that can be treated (Skin Types I to V).
- Offering patients something new, exclusive, unique and highly efficacious.
- Single high energy treatments at a premium price e.g. €2k for a full face including peri-orbital.
- Courses of low energy treatments (lunchtime MediSpa), e.g. €1k for a course of 3 to 5 treatments.
- Low running costs (consumable nozzles and occasional nitrogen gas refill) equivalent to less than 5% of treatment price.
- Bespoke user interface - password protected dual user login; Senior staff can be setup to use high energy, whilst junior staff can only use lower energy. This enables the system to be fully utilised by appropriate staff safely.
- The system is supported by one of the best warranty packages in the industry.
- No requirement to wear goggles or operate within a controlled room.
- The NEOGEN™ EVO is Medical CE approved, manufactured in the UK, and subject to rigorous quality and manufacturing standards.

STAY AHEAD OF THE WAVE

Energist is the only company to hold patents for the use of Nitrogen Plasma for Skin Rejuvenation treatments, and believes this to be the 'future technology' of the medical aesthetic industry.

- Over 50,000 Nitrogen Plasma treatments have been performed worldwide to date.
- Over 30 IRB reviewed clinical studies and many pre-clinical studies support this advantageous clinical efficacy and safety profile.
- 7 FDA cleared indications to date. More to follow.
- The Nitrogen Plasma user community is growing in size and capability every day, fuelled by dramatic clinical results and patient satisfaction.
- Our Clinical Team, Key Opinion Leaders and users continue to grow their knowledge and capability as they explore the full potential of this unique technology.
For More Information

If you would like to know more about the NEOGEN™ EVO system, or if you are a distributor looking to partner with Energist Medical Group, please contact your local business support office to obtain sales, clinical, training, commercial and marketing support.

Visit: www.energist.com
Email: sales@energist.com

Phone: +44 (0) 1792 798 768
Phone: +1 678 759 8779
Phone: +45 36 34 23 00
Phone: +49 (0) 95 2270 7222
Phone: +62 83 8942 4588

All other international enquiries: +44 (0) 1792 798 768

Technical Specifications

Power: 100 – 120 / 230 Vrms – 50/60 Hz – 650 Va
Energy Output: Pulsed nitrogen plasma – 1.0 - 4.0 Joules
Repetition Rate: 1.0 – 2.5Hz
Dimensions: 470 x 430 x 1060mm
Gas Requirement: Medical Grade Nitrogen
System Weight: 18kg / 40lb
Trolley Weight: 25kg / 55lb (excludes gas tank)
Ambient Environment: 0 to 40 Celsius
Relative Humidity: 30 to 75%
Atmospheric Pressure: 70.0 to 106.0 kpa

Energist Ltd - Clos Llyn Cwm, Enterprise Park, Swansea UK SA6 8QY
MADE IN THE UK

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NeoGen Evo is currently not available for distribution in the USA.