

PetCellpen® Set
Art. PET-100



- Transport Case
- PetCellpen®
- Battery charging station with power adapter cable
- 2 rechargeable batteries
- Quick Guide PetCellpen®
- Space for 5 glass electrodes
- Glass electrodes assortment

Technical data

- Medical plasma source in accordance with DIN SPEC 91315, tested by INP (Leibniz-Institut für Plasmaforschung und Technologie e.V.)
- Cordless high-voltage generator for generating cold atmospheric plasma (CAP)
- Plasma is generated through direct dielectric barrier discharge (dDBD)
- 4 different shapes of glass electrodes with inert gas mixture
- Antibacterial device coating
- Battery insert on the back of the unit, exchangeable

Available glass electrodes



Curved
Art. CP 100-210
Intense, spot-focused impact with improved depth of penetration, especially for orthopaedics



Straight
Art. CP 100-220
Universal use, spot-focused or wide-area (lateral) application, dermatology and orthopaedics



Comb
Art. CP 100-230
Especially suitable for longer coats and for multi-point use: muscles, back conditions



Disc
Art. CP 100-240
Especially for dermatology, wide-area, gentler effect, for sensitive, painful areas



2-year guarantee



Made in Switzerland

| | |
|----------------------------|-------------|
| Length (without electrode) | 24,5 cm |
| Weight (without electrode) | 200 g |
| Pulse range | 1 - 100 Hz |
| Maximum output voltage | 25 KVAC |
| Maximum output power | 0.47 µW/cm² |
| Battery runtime | 30 - 90 min |
| Battery charging time | 90 min |

PetCellpen®

Direct cold plasma therapy for small animal medicine

cordless mobile



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LIVISTO
ActivCell
Group

PetCellpen®

Selected indications

Dermatology

- Acne
- Pressure sores
- Demodex
- Dermatomycosis
- Scars
- Malassezia dermatitis
- Pyoderma (hotspots)
- Problems with wound healing
- Burns



Orthopaedics

- Arthritis
- Sprain
- Hyperextension syndrome (carpus)
- Myositis
- Spondylosis of the lumbar spine
- Tendinitis of the biceps tendon
- Tendinitis of the supraspinatus muscle



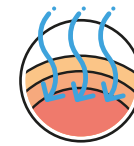
Physiotherapy

- Muscle spasms of the spine
- Trigger points
- Post-operative healing
- Haematomas
- Muscle relaxation



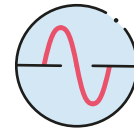
Why the PetCellpen® is ideal for your veterinary practice

- The pen is easily manageable, easy to use and requires no auxiliary materials.
- Thanks to application-specific electrodes and variable settings, the range of its uses is very broad.
- The glass electrodes' small treatment surfaces are perfectly suited for small animals.
- With its numerous indications, the pen is ideal for day-to-day practice.
- Interruption-free work thanks to a long operating time and replaceable battery.
- Because it supports you efficiently in the fight against multi-resistant micro-organisms and can therefore be used for every wound and all infectious skin diseases!



Principle of action: direct cold atmospheric plasma (dCAP)

The cordless pen successfully generates a high voltage from the power of a small 3.7-volt battery to produce therapeutic dCAP. The plasma current can be directed precisely onto the skin surface to be treated with the help of variously shaped glass electrodes. The medical effect of dCAP has been proven in numerous studies.



Cell activity stimulation: promotes healing and inhibits inflammation

dCAP directly stimulates the body's cells and changes their behaviour. Healing processes are promoted through increased cell proliferation, inflammation is reduced by influencing the formation of cellular mediators, and the immune system is boosted. Tissue remodelling is improved.



Promotion of blood circulation leads to faster healing

dCAP has an immediate and lasting hyperaemic effect on the treated tissue. The formation of new blood vessels is also stimulated. This improves the metabolism and accelerates healing.



Antimicrobial and anti-parasitic effect

The reactive species of dCAP, which contains ozone, hydrogen peroxide and other oxygen and nitrogen radicals, have a powerful antiseptic effect that does not encounter any resistance problems and is therefore effective against multi-resistant micro-organisms (e.g., MRSA). dCAP also has a fungicidal effect and has been shown to impair parasites (lice, demodex).

The PetCellpen® and its functions



Place the interchangeable glass electrode of your choice directly on the patient's skin to transmit the electrical impulses. No need for shearing or use of a contact agent.

The Impulse/s setting determines the pulse frequency from 1 to 100 Hz according to the indication and recommendations in the Therapy Guide.

The rotary „Amplitude“ control is used to switch the device on and off. Turning the control determines the device's output power and consequently the intensity of the therapy.