Enraf-Nonius’ revolutionary and new Curapuls 670 offers an effective, safe and easily administered therapy for various disorders of the locomotor system and for the restoration of soft tissue.

**New evidence**
There has been a strong evidence base for the application of radio frequency energy for many years now. Recent literature, too, shows a scientific evidence base, particularly for the pulsed application of this therapy in highly relevant medical issues such as post-operative pain and swelling, as well as wounds that are not healing well.

**Device featuring all the knowledge**
Enraf-Nonius has successfully incorporated all the available scientific knowledge on the application of this therapy in this device. The unique algorithm and the highly user-friendly user interface, supported by the intuitive use of colours, make it very easy indeed for you to help your patient.

It will only take you a few seconds to select the best possible treatment for various types of pain and inflammation, depending on how acute or chronic the disorder is.

**Light ring**
The unique and good-looking light ring provides both the therapist and the patient with a clear indication of the amount of energy and the nature of the treatment being administered.

**Application**
This therapy is commonly used for the palliative treatment of pain and swelling (both post-operative and regular), among other things, and as a very effective tool that will help wounds heal.

**A-thermal and thermal**
With its low-power settings, this device is exceptionally well suited to the treatment of acute conditions. Recent large-scale research has shown that this method is particularly well suited to the relief of post-operative pain and the promotion of post-operative wound healing.

However, the device can also be used to achieve thermal effects, as well. Even these higher levels of power can be safely administered, and they are very effective in the relief of pain caused by chronic conditions such as osteoarthritis.

**Easy to use and hands free**
This therapy can be administered entirely hands free using the convenient arm, which can be fixed in the right position with just one button. This makes the device a clear improvement on labour-intensive therapies such as Thecar, which are generally administered to treat the same problems. The clever user interface and the touch screen also help therapists administer the therapy easily and without any effort.

A second arm can be affixed if necessary. Therapists can simultaneously use two circulodes to approach the treatment area in a highly effective manner. Thanks to its two completely independent channels, the device can even be used to treat two areas at once, or even to treat two different patients at the same time.
THE THERAPY
The device transmits electromagnetic energy in the radio frequency spectrum. This therapy is known as PRFE (pulsed radio frequency energy) or PSWT (pulsed shortwave therapy).

Curapuls 670 generates electromagnetic energy with a frequency of 27.12 MHz.

Due to the pulsed nature of the energy, the device can very briefly transmit high peak power Watts, followed by relatively long periods of inaction. As a result, the patient’s tissue receives intense stimulation, although the therapy is very safe and comfortable for the patient.

- High adjustable peak power (maximum 200 Watt)
- Pulse width and pulse frequency can be set by the therapist
- Conveniently arranged display
- Over 25 clinical treatment suggestions
- 100 free programmable memory positions
- Special induction electrodes (superficial thermal burden low)
- Indication and monitoring of the power output to ensure optimum energy transmission
- Easy-to-adjust electrode arms that can be brought into position very easily.
- Opportunity to use two circuplodes simultaneously

Due to the nature of the electromagnetic energy, it is mainly absorbed by tissue with a low level of impedance, such as well-vascularised tissue (muscle tissue) or tissue featuring oedema or recent haematomas. Absorption of this energy promotes tissue recovery and improves circulation. Shortwave therapy is not very physically demanding and is effective very deep inside the body. The patient hardly experiences any thermal sensation, but the effect on his or her deep tissue is significant!

LITERATURE


Wish to read more? Please contact us at www.enraf-nonius.com.
A VERY EASY-TO-ADMINISTER TREATMENT, BASED ON CLINICAL EVIDENCE

Working with Curapuls 670 is extremely easy now. Curapuls 670 has been equipped with over 25 clinically proven treatment suggestions. Moreover, all information on administering the right dose of energy has been included in the “smart mode”. The only information you will have to enter yourself is the stage of the condition. This can range from acute (a-thermal) to chronic with a thermal component. This corresponds with the average power of the device. Curapuls 670 will automatically enter the correct values for parameters such as pulse duration, pulse frequency and peak power for you. *It doesn’t get any easier than this!* 

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<tr>
<th>Pulse duration = 400</th>
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<td>Peak power</td>
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Average power in Watt per second

- **Blue**: Acute condition
- **Green**: Sub-acute condition
- **Yellow**: Sub-chronic condition
- **Red**: Chronic condition
CURAPULS 670

TECHNICAL SPECIFICATIONS
- Frequency: 27.12 MHz
- Channels: 2
- Pulse power: 0-200 W
- Average power: 0-64 W
- Mains voltage: 100-240 V (50/60 Hz)
- Power consumption: max. 400 VA
- Dimensions (wxdxh): 48x56x110 cm
- Weight (unit): ca. 27.5 kg

STANDARD ACCESSORIES
- 1462550 Electrode arm
- 1670752 Instructions for use (on CD)
- 1462570 Circuplode Ø 140 mm
The Circuplode is an advanced inductive electrode. It is provided with a Faraday screen that eliminates capacitive effects to give a virtually pure magnetic field. This means that no energy is absorbed in superficial fatty tissues, so that optimum effect in deeper-lying tissues is obtained. This is in contrast to conventional inductive electrodes, in which the transfer of energy is limited by the capacitive currents in superficial (fatty) tissues.

Curapuls 670 comes standard with a Circuplode Ø 140 mm, which will allow you to carry out the most common treatments.

In addition, the following components are available:
- Circuplode Ø 90 mm: for the treatment of small body parts such as wrist and ankle joints
- Circuplode-E: for the treatment of large oblong shaped body parts such as knee joints.

FURNITURE FOR SHORTWAVE

Special for treatment with shortwave and microwave equipment we offer various furniture, that is completely free of metal. The generated field of the equipment will not be affected and there won’t occur any heat concentrated areas.

3441401  Treatment chair, clear lacquered wood
3441337  Treatment couch, clear lacquered wood, 190x60x75 cm
3441338  Footrest, clear lacquered wood