The new Sonopuls 190 is fast and easy. A device with an extremely fast start-up, a fast way to set-up treatment parameters and a device that gives fast therapeutic results. The compact and ergonomic design, the clear TFT screen and the touchscreen interface are making this small device a big asset for the therapist.

Ultrasound therapy is a proven effective treatment method for numerous pathologies. In order to simplify the therapy selection, a number of preprogrammed protocols are stored in the Sonopuls 190. These evidence based protocols provide you with clear instructions and will set the device parameters for treatment automatically.

- Evidence based protocols
- Programmable
- Extremely quick start-up
- Crystal clear tft colour screen
- Touch screen user interface
- Programmed for speed
- Ergonomic design
- Contact control
- 2 Treatment heads possible
- Energy efficient
- Compact and stylish
- Ultra-flexible cable
- By Enraf-Nonius: safe, reliable and durable
SONOPULS 190

STANDARD ACCESSORIES FOR 1631901, 1631902 AND 1631903
1631820      Head holder for multi-frequency treatment head
3442929      Contact-gel, 1 bottle of 250 ml
1631750      User manual Sonopuls 190 (on CD)
0167154      Information sheet ultrasound gel
0167278      Information sheet mounting US head holder(s) Sonopuls 190
3440001      Screwdriver
3444357      Mains connecting cable

STANDARD ACCESSORIES FOR 1631904
0169842      Head holder StatUS™ applicator
3442941      Gelpad StatUS™ (240x)
3442942      Fixation ring gelpad StatUS™ (3x)
1631750      User manual Sonopuls 190
1629750      User manual StatUS™ Pack 100
1629751      Information booklet StatUS™ Pack 100
3440001      Screwdriver
3444357      Mains connecting cable

STANDARD ACCESSORIES FOR 1629901
0169842      Head holder StatUS™ applicator
3442941      Gelpad StatUS™ (240x)
3442942      Fixation ring gelpad StatUS™ (3x)
1629750      User manual StatUS™ Pack 100
1629751      Information booklet StatUS™ Pack 100

TECHNICAL SPECIFICATIONS
Ultrasoundfrequencies: 1 en 3 MHz
Ultrasound: continuous and pulsed
Duty cycles: 5, 10, 20, 33, 50, 80%
Pulse rate: 16 Hz, 48 Hz and 100 Hz
Numbers of US connections: 2
Intensity: 0-2 W/cm² continuous, 0-3 W/cm² pulsed
ERA US treatment head large: 5 cm²
ERA US treatment head small: 0.8 cm²
ERA StatUS™ applicator: 5 cm²
Pre-programmed protocols: 25 evidence based protocols for Ultrasound therapy
52 evidence based protocols for StatUS™ therapy
Free program positions: 20 pcs
TFT touchscreen: 480x272 pixels
Main power: 100-240 V ± 10% (50/60Hz)
Dimensions (wxdxh): 23x19x9 cm (1631901 and 1631902), 29x19x9 cm (1631903), 22x16x14 cm (1631904), 22x12x9 cm (1629901)
Weight: 1152 gr (1631901), 1137 gr (1631902), 1524 gr (1631903), 1707 gr (1631904), 930 gr 1629901

(1) = The Sonopuls is delivered with 1 bottle of contact-gel. The article number 3442929 however represents a box of 12 bottles.
(2) = At a duty cycle of 80% the maximum output is 2.5 W/cm².

1631901 SONOPULS 190 WITH STATUS™ PACK 100
With multi-frequency ultrasound head of 5 cm² and head holder

1631902 SONOPULS 190 WITH STATUS™ PACK 100
With multi-frequency ultrasound head of 0.8 cm² and head holder

1631903 SONOPULS 190 WITH STATUS™ PACK 100
With multi-frequency ultrasound head of 5 cm² and of 0.8 cm² and 2 head holders

1629901 STATUS™ PACK 100
With StatUS™ applicator and applicator holder
Can be combined with the 1631901, 1631902 or 1631903 Sonopuls units

See leaflet Sonopuls 190 with StatUS™ Pack 100 for more explanation.
SONOPULS 190

EVIDENCE BASED PROTOCOLS
Provided with 25 evidence based treatment protocols, including anatomical representations and clear guidelines for treatment.

PROGRAMMABLE
Besides the 25 evidence based protocols you can also store 20 protocols according to your own guidelines.

EXTREMELY QUICK START-UP
Start the unit and it is ready for immediate use. No start-up delay, no operating system to load but instant availability of the full functionality of the unit.

CRYSTAL CLEAR TFT COLOUR SCREEN
A crystal clear and scratch resistant screen that allows full visibility on all parameters from all viewing angles.

TOUCH SCREEN USER INTERFACE
Easy to use by means of a clear menu via a touch screen interface. Extremely intuitive and as easy as a state-of-the-art smart phone.

PROGRAMMED FOR SPEED
The menu structure is optimized to speed. In most cases you can start a pathology-specific treatment in just 3 steps! Easy, quick and simple.

ERGONOMIC DESIGN
The treatment head is made to fit your hand comfortably. A design completely based on functionality and user friendliness.

CONTACT CONTROL
A 360 degrees light ring for contact control. A clear indication of the effective transfer of energy that enables you to conduct the therapy as efficient as possible.

2 TREATMENT HEADS POSSIBLE
You can connect both the small 0,8 cm² as well as the large 5 cm² ultrasound treatment head in order to quickly change heads.

ENERGY EFFICIENT
Sounds as a paradox for a unit which primary goal is to transfer energy to the human body. Due to smart energy saving modes no waste is generated when the device is in rest-mode.

COMPACT AND STYLISH
An extremely compact device, small and light-weight for easy transportation. At the same time stylish and beautiful, a device that is worth-while showing!

BY ENRAF-NONIUS: SAFE, RELIABLE AND DURABLE
An Enraf-Nonius device, the worldwide supplier for physiotherapy and rehabilitation equipment. Made with special attention to quality, durability and safety.

A TREATMENT HEAD WITH ADDED VALUE
An intelligent treatment head, packed with electronics and covered with a special coating making it smooth and comfortable to use and easy to clean.

ULTRA-FLEXIBLE CABLE
The cable between the unit and the ultrasound head is extremely flexible. This assures ease of use. The cable adapts according to your movements and will never impede any motion of the treatment head.
ACCESSORIES SONOPULS 190

ULTRASOUND ACCESSORIES

ULTRASOUND CONTACT-GEL

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CASES AND BAGS

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OTHER PRODUCTS THAT MIGHT INTEREST YOU

EN-CAR U

The EN-Car U is your companion for any piece of Enraf-Nonius equipment. For laser, ultrasound, biofeedback, shockwave or electrotherapy, with the EN-Car U you have it all close at hand.

ORDERING DATA

1468960 EN-Car U

Also see the separate product leaflets at WWW.ENRAF-NONIUS.COM/ELECTROTHERAPY