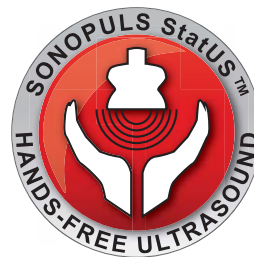


# SONOPULS 190

## ADDITIONAL ADVANTAGES OF THE STATUS™ PACK 100

### STATUS™ HANDS-FREE ULTRASOUND

The Sonopuls 190 with StatUS™ Pack 100 offers the possibility of HANDS-FREE ULTRASOUND. A fast and time-saving application. Do more in less time!



### HANDS-FREE = TIME SAVING

As StatUS™ is a hands-free therapy, the therapist has valuable extra time during treatment.



### NON-LIQUID GELPADS

- No more gel residu
- Easy to clean / hygiënic
- Efficient energy transmission



### HANDS-FREE = LESS LABOUR INTENSIVE

As the therapist does not have to hold the head, StatUS™ is ideally suited for long(er) treatments.



### SAFE

Special modulation forms ensure that undesired intensity peaks in the ultrasound bundle are considerably reduced. The chance of cavitation is reduced and the occurrence of hotspots is counter-acted.



### HANDS-FREE = LESS DEMANDING

As the therapist does not have to hold the head, a StatUS™-treatment is physically less demanding.



### EFFICIENT

The treatment head is always at the right angle. The special gelpad follows the body's contours. This combination ensures an even and constant transfer of energy along the whole surface of the head.



### HANDS-FREE = GREATER EASE OF USE

Increased comfort for both the patient and the therapist.



### EFFECTIVE

The set treatment time is also the effective treatment time. The set capacity is effectively transferred to the appropriate tissue.



### FAST AND EASY

StatUS™-therapy is instantly available and easy to set up.



### 52 EVIDENCE BASED STATUS™ PROTOCOLS

The Sonopuls 190 with StatUS pack offers a full library with 52 evidence based protocols. Just with a few clicks you will get all information and the proper settings for the pathology selected.



# SONOPULS 190

## ADVANTAGES OF THE SONOPULS 190

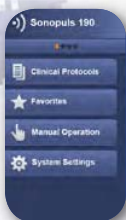
### EVIDENCE BASED PROTOCOLS

Provided with 25 evidence based treatment protocols for ultrasound treatment (and 52 protocols for StatUS™ treatment) including anatomical representations and clear guidelines for treatment. All protocols contain an extensive literature reference with cross references to every individual protocol.



### PROGRAMMABLE

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



### 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.



### 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!



### PROGRAMMED FOR SPEED

Start the unit and it is ready for immediate use. No start-up delay! The menu structure is optimised to speed. In most cases you can start a pathology-specific treatment in just 3 steps! Easy, quick and simple.



### CRYSTAL CLEAR TFT COLOUR SCREEN

A crystal clear and scratch resistant screen that allows full visibility of all parameters from all viewing angles.



### ERGONOMIC DESIGN

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



### BY ENRAF-NONIUS: SAFE, RELIABLE AND DURABLE

An Enraf-Nonius device, the worldwide supplier of physiotherapy and rehabilitation equipment. Made with special attention to quality, durability and safety.



### 2 TREATMENT HEADS POSSIBLE

You can connect both the small 0,8 cm<sup>2</sup> as well as the large 5 cm<sup>2</sup> ultrasound treatment head or the StatUS™ applicator in order to quickly change heads/applicator.



### 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.



# SONOPULS 190

## STANDARD ACCESSORIES FOR 1 1 01 1 1 02 AND 1 1 0

1 1 10	Head holder for multi-frequency treatment head
2929 <sup>(1)</sup>	Contact-gel, 1 bottle of 250 ml <sup>(1)</sup>
1 1 50	User manual Sonopuls 190 (on CD)
01 15	Information sheet ultrasound gel
01 2	Information sheet mounting US head holder(s) Sonopuls 190
0001	Screwdriver
5	Cables connecting cable

## STANDARD ACCESSORIES FOR 1 1 0

01 9 2	Head holder StatUS™ applicator
29 1	Gelpad StatUS™ (2 0x)
29 2	Fixation ring gelpad StatUS™ ( x)
1 1 50	User manual Sonopuls 190
1 29 50	User manual StatUS™ Pack 100
1 29 51	Information booklet StatUS™ Pack 100
0001	Screwdriver
5	Cables connecting cable

## STANDARD ACCESSORIES FOR 1 2 01

01 9 2	Head holder StatUS™ applicator
29 1	Gelpad StatUS™ (2 0x)
29 2	Fixation ring gelpad StatUS™ ( x)
1 29 50	User manual StatUS™ Pack 100
1 29 51	Information booklet StatUS™ Pack 100

## TECHNICAL SPECIFICATIONS

Ultrasound frequencies	1 en
Ultrasound	continuous and pulsed
Duty cycles	5, 10, 20, 50, 0
Pulse rate	1, and 100
Numbers of US connections	2
Intensity	0-2 /cm <sup>2</sup> continuous, 0- /cm <sup>2</sup> pulsed <sup>(2)</sup>
E A US treatment head large	5 cm <sup>2</sup>
E A US treatment head small	0, cm <sup>2</sup>
E A StatUS™ applicator	5 cm <sup>2</sup>
Pre-programmed protocols	25 evidence based protocols for Ultrasound therapy 52 evidence based protocols for StatUS™ therapy
Free program positions	20 pcs
T T touchscreen	0x2 2 pixels
Main power	100-2 0 10 (50/ 0 )
Dimensions (wxdxh)	21x19x9 cm (1 1901 and 1 1902), 29x19x9 cm (1 190 ), 22x1 x1 cm (1 190 ), 22x12x9 cm (1 29901)
Weight	1152 gr (1 1901), 11 gr (1 1902), 152 gr (1 190 ), 1 0 gr (1 190 ), 9 0 gr 1 29901)

<sup>(1)</sup> The Sonopuls is delivered with 1 bottle of contact-gel. The articlenumber 2929 however represents a box of 12 bottles.

<sup>(2)</sup> At a duty cycle of 0 the maximum output is 2,5 /cm<sup>2</sup>.

## 1 1 0 SONOPULS 1 0 ITH STATUS™ PACK 100

with StatUS™ applicator and applicator holder



## 1 1 01 SONOPULS 1 0

with multi-frequency ultrasound head of 5 cm<sup>2</sup> and head holder



## 1 1 02 SONOPULS 1 0

with multi-frequency ultrasound head of 0, cm<sup>2</sup> and head holder



## 1 1 0 SONOPULS 1 0

with multi-frequency ultrasound head of 5 cm<sup>2</sup> and of 0, cm<sup>2</sup> and 2 head holders



## 1 2 01 STATUS™ PACK 100

with StatUS™ applicator and applicator holder  
can be combined with the 1 1901, 1 1902 or 1 190 Sonopuls units (delivered as of serie , appr. arch 2015).



# A ESSO IES SONOPULS 190

## STATUS™ ACCESSORIES ONLY FOR 1 190 OR 1 29901

29 1	elpad StatUS™ (2 0x)
29 2	ixation ring gelpad StatUS™ ( x)



## ULTRASOUND ACCESSORIES

### ULTRASOUND CONTACT-GEL

2929	ontact-gel, bottle 250 ml, box of 12
29 0	ontact-gel, bottle 850 ml, box of 12
29 1	ontact-gel, canister of 5 l
29 2	ispenser-set for 5 l canister



## CASES AND BAGS

0 1	Bag for Endomed and Sonopuls 1-serie, black
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## OTHER PRODUCTS THAT MIGHT INTEREST YOU

### EN-CAR U

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

### ORDERING DATA

1 8950	EN- ar U
1 89 0	EN- ar U

Also see the separate product leaflets at [WWW.ENRAF-NONIUS.COM/ELECTROTHERAPY](http://WWW.ENRAF-NONIUS.COM/ELECTROTHERAPY)

