

SONOPULS 692

The Sonopuls 692 is a versatile and highly advanced piece of equipment for ultrasound, electro and combination therapy. It offers all the options for the universal application of ultrasound with frequencies of 1 and 3 MHz. With these frequencies, both deep and surface tissue structures can be selectively treated. Continuous and pulsed applications of ultrasound are both possible. In addition, the Sonopuls 692 offers sixteen different types of current that can be applied at desire, in combination with the ultrasound.



- Dynamic Ultrasound application with 1 and 3 MHz.
- Electrotherapy with up to 16 different current forms over 2 completely separated channels.
- Combination therapy (simultaneous application of ultrasound and electrotherapy) possible; This allows for pain relief and stimulation at the same time.
- Unsurpassed comfort, all treatment setting can be adjusted during the treatment with only one hand!
- A visual wizard helps you to determine the correct settings for virtually all diseases that can be treated with this device
- Also available with an integrated vacuum unit for a simple application of electrotherapy with vacuum electrodes.
- Simple, stylish and easy to use!

ULTRASOUND THERAPY

Equipment for therapy using high frequency sound waves. The high frequency vibrations can cause a mechanical and thermal effect in the tissue. Ultrasound therapy promotes the body's capacity for selfhealing and tissue repair.

COMBINATION THERAPY

Equipment for electrotherapy and ultrasound therapy. This type of therapy can be applied side-by-side and at the same time, providing a very efficient therapy. Pain reduction in combination with ultrasound therapy provides rapid post-traumatic treatment, resulting in tissue repair in a minimum of time.

SONOPULS 692



TECHNICAL SPECIFICATIONS

Current channels:	2, independent, fully galvanically isolated
Current types:	16 current types-36 variants
Ultrasound frequencies:	1 and 3 MHz
Ultrasound:	continuous and pulsed
Pulse frequency / duty cycle:	100 Hz / 5, 10, 20, 50, 80% 16 Hz / 20% -48 Hz / 20%
Number of US connections:	2
Number of vacuum electrode connections ⁽¹⁾ :	4
Intensity:	0-2 W/cm ² continuous, 0-3 W/cm ² pulsed
Programmable positions:	unlimited
Pre-programmed protocols:	Over 100
Supply voltage:	100-240 V ± 10% (50/60 Hz)
Dimensions main unit:	39 x 37 x 12 cm (wxdxh)
Weight:	4,75 kg
Vacotron reservoir dimensions:	39 x 37 x 6 (wxdxh)
Weight Vacotron reservoir:	1,5 kg

⁽¹⁾ = on 692V



STANDARD ACCESSORIES

1601901	Multi-frequency treatment head, large (5 cm ²), 1 & 3 MHz
1600810	Holder treatment head for 1 treatment head, 6-serie
3442929 ⁽¹⁾	Contact-gel, bottle 250 ml, 1 piece ⁽¹⁾
2 x 3444211	Patient cable 2-core & 2 mm male plug - black, with coloured clips
3444020	Strap 100x3 cm
3444021	Strap 250x3 cm
2 x 3444129	Rubber electrodes 6x8 cm, 2 mm female, 2 pc.
1460266	Moist pads for rubber electrode 6x8 cm, set of 4
3444505	Sponges Ø 65 mm, set of 4 (for vacuum electrodes Ø 60 mm)
2 x 3444503	Vacuum electrodes Ø 60 mm, set of 2
2 x 3444507	Vacuum lead hose red
2 x 3444508	Vacuum lead hose black
3444078	Dummy plug
3440001	Screwdriver 6-serie
3444290	Mains cable 230V-EUR

⁽¹⁾ = The Sonopuls is delivered with 1 bottle of contact-gel. The articlenumber 3442929 however represents a box of 12 bottles.

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

1468950 EN-Car U

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

1600945 SONOPULS 692

Complete unit for:

- Dynamic ultrasound therapy
- 2-channel electrotherapy
- Combinationtherapy (simultaneous ultrasound and electrotherapy)



1600955 SONOPULS 692V

As the Sonopuls 692 (1600945), but also fitted with an integrated vacuum unit for easy application of vacuum electrodes with combination therapy and electrotherapy.



SONOPULS 692



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ACCESSORIES SONOPULS 692



ULTRASOUND ACCESSORIES

MULTIFREQUENCY TREATMENT HEAD

1601901 Multifrequency treatment head 1&3 MHz, 5cm² for 6-series

1601911 Multifrequency treatment head 1&3 MHz, 0,8cm² for 6-series

TREATMENT HEAD HOLDER

1600810 Holder treatment head for 1 head, 6-series

1600811 Holder treatment head for 2 heads, 6-series

ULTRASOUND CONTACT-GEL

3442929 Contact-gel, bottle 250 ml, box of 12

3442930 Contact-gel, bottle 850 ml, box of 12

3442931 Contact-gel, canister of 5 l

3442932 Dispenser-set for 5 l canister



1601901

1601911



1600810

1600811



3442929

3442930

3442931

3442932

ELECTRODES AND MOIST PADS

ADHESIVE ELECTRODES

3444222 EN-Trode Ø 2,2 cm, 2 mm female, 10 sheets of 8 (also for EMG)

3444056 EN-Trode Ø 3,2 cm, 2 mm female, 10 sheets of 4

3444135 EN-Trode Ø 5,0 cm, 2 mm female, 10 sheets of 4

3444057 EN-Trode 5x5 cm, 2 mm female, 10 sheets of 4

3444058 EN-Trode 5x9 cm, 2 mm female, 10 sheets of 4

RUBBER ELECTRODES

3444128 Rubber electrodes 4x6 cm, 2 mm female, set of 2.

3444129 Rubber electrodes 6x8 cm, 2 mm female, set of 2

3444130 Rubber electrodes 8x12 cm, 2 mm female, set of 2

3444380 Silicon electrode 5x5 cm TENS, 2 mm female

MOIST PADS FOR RUBBER ELECTRODES

1460273 Moist pads for rubber electrodes 4x6 cm, set of 4

1460266 Moist pads for rubber electrodes 6x8 cm, set of 4

1460275 Moist pads for rubber electrodes 8x12 cm, set of 4

FIXATION STRAPS

3444020 Strap 100x3 cm

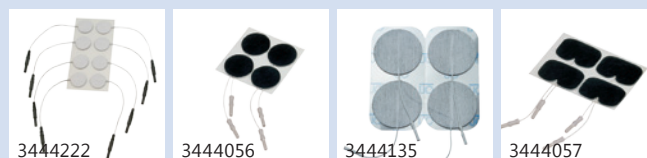
3444021 Strap 250x3 cm

3444022 Strap 100x5 cm

3444023 Strap 250x5 cm

POINT ELECTRODE

1600820 EN-Point, for making s/d curves



3444222

3444056

3444135

3444057



3444058



3444128



3444129



3444130



3444380



1460273



1460266



1460275



3444020



3444021



3444022



3444023



1600820

ACCESSORIES SONOPULS 692

PATIENT CABLES AND ADAPTER PLUGS

3444211 Patient cable 2-core & 2 mm male plug - black, with coloured clips

ADAPTERS

2523524 Adapter plug, 2 mm female, 4 mm male, red

2523523 Adapter plug, 2 mm female, 4 mm male, black



REMOTE CONTROLS

1497801 Remote control, 2 channels for 182, 482, 492 and 6-series



VACUUM ACCESSORIES VACOTRON 460

3444509 Vacuum electrodes Ø 30 mm, set of 2

3444503 Vacuum electrodes Ø 60 mm, set of 2

3444504 Vacuum electrodes Ø 90 mm, set of 2

3444516 Sponges Ø 30 mm, set of 4 (for vacuum electrodes Ø 30 mm)

3444505 Sponges Ø 65 mm, set of 4 (for vacuum electrodes Ø 60 mm)

3444506 Sponges Ø 95 mm, set of 4 (for vacuum electrodes Ø 90 mm)

3444507 Vacuum lead hose, red

3444508 Vacuum lead hose, black

3444078 Dummy plug

