



Med TeCo
medical equipment

Medical equipment for physiotherapy Product catalogue



medteco.ru

Contents

Machines for magnetotherapy

Machines for low-frequency magnetotherapy

MAGNIT-2-Med TeCo low-frequency magnetotherapy multifunctional machine	4
MAGNIT-M-100-Med TeCo low-frequency magnetotherapy machine	6
MAGNIT-M-1000-Med TeCo low-frequency magnetotherapy machine	8
MAGNIT-Med TeCo low-frequency magnetotherapy universal machine	10

Machines for high-frequency magnetotherapy

VCH-MAGNIT-Med TeCo high-frequency magnetotherapy machine	12
---	----

Machines for microwave therapy

Machines for decimeter wave therapy

DMV-35-Med TeCo machine for decimeter wave therapy	14
--	----

Machines for centimeter wave therapy

CMV-20-Med TeCo machine for centimeter wave therapy	16
CMVi-200-Med TeCo pulse machine for centimeter wave therapy	18

Machines for ultrasound therapy

UZT-1.02.S-Med TeCo machine for ultrasound therapy (dentistry)	20
UZT-1.02.U-Med TeCo machine for ultrasound therapy (urology)	20
UZT-1.3.03F-Med TeCo machine for ultrasound therapy (4 transducers)	22
UZT-1.3.02F-Med TeCo machine for ultrasound therapy	22
UZT-1.02F-Med TeCo machine for ultrasound therapy	22
UZT-3.02F-Med TeCo machine for ultrasound therapy	22

Machines for ultrahigh frequency therapy

UVCH-30-Med TeCo machine for ultrahigh frequency therapy	24
UVCH-60-Med TeCo machine for ultrahigh frequency therapy	24
UVCH-80-Med TeCo machine for ultrahigh frequency therapy	24

Machines for combination therapy

AFK-Med TeCo physiotherapy machine of combined effect	26
---	----

Machines for shockwave therapy

UVT-Med TeCo shockwave therapy unit	28
-------------------------------------	----

Machines for electrotherapy

ELESCULAP-Med TeCo multifunctional machine for stimulation and electrotherapy	30
ELESCULAP-2-Med TeCo multifunctional machine for low-frequency electrotherapy	32
FOREZ-MED TeCo machine for galvanization and medicine electrophoresis	34
ULTRADAR-MED TeCo machine for darsonvalization and ultratonotherapy	36
ELAD-Med TeCo machine for darsonvalisation (portable)	38

Machines for phototherapy

ORKsh-Med TeCo mercury-quartz irradiator (on stand)	40
ORKn-Med TeCo mercury-quartz irradiator (desktop)	42

Machines for inhalation therapy

INKO-Med TeCo portable pressurized inhaler	44
About us	46

MAGNIT-2-Med TeCo magnetotherapy multifunctional machine

Magnetotherapy

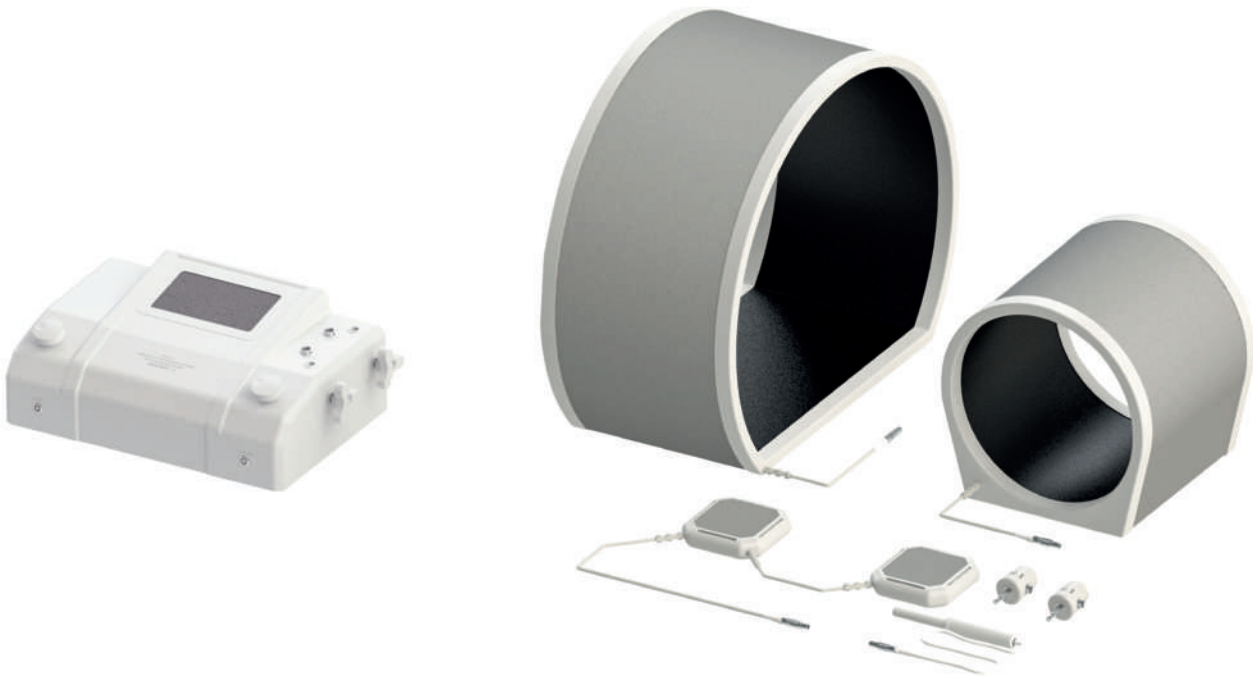


Description

Magnit-2-Med TeCo is an advanced magnetic therapy system, which is available on the Russian market of physiotherapy equipment. The high-performance characteristics are ensured by a wide range of effects, set of specified parameters, two independent channels of magnetic therapy, and integrated therapeutic encyclopedia with typical methods of treatment.

The advantages of the machine

- | | |
|--|---|
| <div><div>+1</div><div>Two independent channels of magnetotherapy allow to affect 2 zones</div><div></div></div> | <div><div>+2</div><div>Possibility of setting up over 500 individual user programs</div><div></div></div> |
| <div><div>+3</div><div>Integrated electronic patient record management system</div><div></div></div> | <div><div>+4</div><div>Unique inductor selection and identification system</div><div></div></div> |



MAGNIT-2-Med TeCo

Technical specifications

Number of channels	2
Control	color touchscreen display, encoders
Timer setting range, min	0÷99
Type of magnetic inductor current	constant, sinusoidal, pulse
Form of magnetic field pulse carriers	rectangular, sawtooth, bell-shaped, exponential
Maximum magnetic field intensity at the surface of inductors, mT	125
Power supply	230 V, 50 Hz
Power consumption, VA	not more than 300
Overall dimensions of the machine (LxWxH), mm	426x291x171
Weight of the machine (without delivery set), kg	6,8
Weight of inductor set, kg	22,1

Delivery set

Electronic unit	1
Replaceable inductors:	
Inductor #1-2 (twin disk)	1
Inductor #3 (cylindrical)	2
Inductor #4 (cavity-type)	1
Inductor #5 (small solenoid)	1
Inductor #6 (large solenoid)	1
Inductor holder #3 (assembled)	2
Magnetic field indicator	1
Trolley table*	1
Operation documentation	1

*supplied on request

MAGNIT-M-100-Med TeCo

magnetotherapy machine

Magnetotherapy



Description

Magnit-M-100-Med TeCo is a professional medical Russian-made device to provide therapeutic effect on a patient with a low-frequency magnetic field. The sensor display, ergonomic inductors, two magnetotherapy channels and mobile design of the device ensure its high-performance characteristics and easy use in multidisciplinary medical institutions.

The advantages of the machine

- | | |
|--|--|
| <div>+1</div> <div>Smart identification system for plugged-in inductors</div> | <div>+2</div> <div>Wide range of setting parameters: induction, frequency, pulse shape</div> |
| <div>+3</div> <div>Possibility of setting up personalized treatment programs</div> | <div>+4</div> <div>Extended delivery set increases the scope of application</div> |



MAGNIT-M-100-Med TeCo

Technical specifications

Number of channels	2
Control	color touchscreen display
Timer setting range, min	0÷99
Type of current	sinusoidal, pulsating with smoothly rising edge and smoothly droop of a pulse
Maximum amplitude value of magnetic induction, mT	75
Inductor operation mode	continuous, intermittent
Sinusoidal current frequency, Hz	50; 100
Pulsating current frequency, Hz	50; 25; 17; 10
Pulse duration of pulsating current, ms	15
Power supply	230 V, 50 Hz
Power consumption, VA	not more than 150
Overall dimensions of the machine (LxWxH), mm	317x219x141
Weight of the machine (without delivery set), kg	2,3

Delivery set

Electronic unit	1
Inductor #1 (round)	2
Inductor #2 (rectangular)	2
Inductor #3 (intracavitary)	1
Inductor #4 (solenoid)	2
Connection cable	2
Belt of the inductor #3	1
Trolley table	1
Operation documentation	1

MAGNIT-M-1000-Med TeCo

magnetotherapy machine

Magnetotherapy



Description

Magnit-M-1000-Med TeCo is an advanced medical device to provide therapeutic effect on a patient with a low-frequency magnetic field. Ergonomic design of the machine case allows it to be used in the wards of medical institutions and physiotherapy rooms. The touch screen, simple intuitive operation and a wide range of functions make the equipment operation convenient for multidisciplinary medical institutions.

The advantages of the machine

- +1

Smart identification system for plugged-in inductors
- +2

Wide range of setting parameters: induction, frequency, pulse shape
- +3

The compact size of the device ensures its easy use
- +4

Extended delivery set increases the scope of application



MAGNIT-M-1000-Med TeCo

Technical specifications

Number of channels	1
Control	color touchscreen display
Timer setting range, min	1÷99
Operation mode of the device when using one inductor (solenoid)	continuous and intermittent
Operation mode of the device when using two inductors (solenoids)	intermittent
Operation mode of the device when using inductor #3 (belt)	continuous, intermittent
Type of current	sinusoidal
Maximum amplitude value of magnetic induction, mT	15
Power supply	220 V, 50 Hz
Power consumption, VA	not more than 50
Overall dimensions of the machine (LxWxH), mm	317x219x141
Weight of the machine (without delivery set), kg	2,1

Delivery set

Electronic unit	1
Inductor #1 (solenoid)	1
Inductor #2 (solenoid)	1
Inductor #3 (belt)	1
Operation documentation	1

MAGNIT-Med TeCo

universal magnetotherapy machine

Magnetotherapy



Description

MAGNIT-Med TeCo is a Russian-made medical device with proven clinical efficiency. The use of such device in medical institutions is under regulatory controls. The Ergonomic design, wide range of functions, creation of individual treatment programs makes the device irreplaceable for clinics of any type. The ergonomic design, wide range of functions and availability of personalized treatment programs makes this device indispensable for any type of clinic.

The advantages of the machine

- +1

Smart identification system for plugged-in inductors
- +2

Wide range of setting parameters: induction, frequency, pulse shape
- +3

Possibility of setting up personalized treatment programs
- +4

Wide range of use: physiotherapy, dentistry, urology



MAGNIT-Med TeCo

Technical specifications

Number of channels	1
Control	LCD display, buttons
Timer setting range, min	0÷99
Type of current	constant, sinusoidal, pulse
Form of magnetic field pulse carriers	rectangular, sawtooth, bell-shaped
Maximum magnetic field intensity at the surface of inductors, mT	80
Programmed treatment modes, pcs	11
Form of modulating signal	sawtooth, rectangular, triangular, stepped
Regulation of magnetic induction in steps, %	25; 50; 75; 100
Frequency of pulse carrier generation, Hz	50; 100
Power supply	220 V, 50 Hz
Power consumption, VA	not more than 120
Overall dimensions of the machine (LxWxH), mm	390x270x174
Weight of the machine (without delivery set), kg	8

Delivery set

Electronic unit	1
Flexible inductor holder	2
Handle	2
Replaceable inductors:	
Inductor #1 (cylindrical)	2
Inductor #2 (cylindrical)	2
Inductor #3 (cylindrical)	2
Inductor #4 (cavity-type)	1
Inductor #5 (belt)	1
Magnetic field indicator	1
Connection cable	2
Operation documentation	1

VCH-MAGNIT-Med TeCo high-frequency magnetotherapy machine

Magnetotherapy



Description

VCH-Magnit-Med TeCo is an advanced Russian-made device to provide therapeutic effect on a patient with an electromagnetic field of high frequency. The high-performance characteristics provide its use for treatment of a wide range of diseases. The operational simplicity makes VCH-Magnit indispensable for any medical institution.

The advantages of the machine

- | | |
|---|---|
| <div>+1</div> <div>Two modes of machine operation: continuous and pulse</div> | <div>+2</div> <div>Easily adjustable inductor holder for convenient operation</div> |
| <div>+3</div> <div>Extended delivery set increases the scope of application</div> | <div>+4</div> <div>Power up to 200 W for a wide range of treatment</div> |



VCH-MAGNIT-Med TeCo

Technical specifications

Control	LCD display, buttons
Timer setting range, min	0÷30
Mode of machine operation	continuous, pulse
Maximum output power, W	200
Form of modulating pulse	rectangular
Modulation frequency, Hz	10; 50
Machine operating frequency, MHz	13,56
Modulation pulse duty cycle	1:5; 1:10
Number of power adjustment steps	9
Power supply	230 V, 50 Hz
Power consumption, VA	not more than 450
Overall dimensions of the machine (LxWxH), mm	440x290x175
Weight of the machine (without delivery set), kg	5,9

Delivery set

Electronic unit	1
Replaceable inductors:	
Large resonance inductor Ø220 mm	1
Small resonance inductor Ø220 mm	1
Inductor-cable	1
Inductor holder completed with trolley stand	1
Matching device	1
Holding handle for the inductor	1
Connection cable	1
Holder for the inductor-cable	6
HF field indicator	1
Operation documentation	1

DMV-35-Med TeCo machine for decimeter wave therapy

Microwavetherapy



Description

DMV-35-Med TeCo is an advanced device to provide therapeutic effect on a patient with a decimeter range electromagnetic field. The equipment is used in physiotherapeutic departments of health care centers and medical institutions. The universal set of transducers and compact design make its operation comfortable for the patients and medical personnel.

The advantages of the machine

- | | |
|---|--|
| <div>+1</div> <div>Automatic generator shutdown and acoustic signal at the end of treatment</div> | <div>+2</div> <div>Automatic detection of the number of a connected transducer</div> |
| <div>+3</div> <div>Indicator to monitor the contact of the transducer with the patient's body</div> | <div>+4</div> <div>Specialized transducers extend the range of use</div> |



DMV-35-Med TeCo

Technical specifications

Operating frequency, MHz	915
Timer setting range, min	1÷30
Standing wave ratio of the transducers	not more than 2,5
Output power	from 0.5 to 5 W with 0.5 W steps from 5 to 15 W with 1 W steps
Power supply	220 V, 50 Hz
Power consumption, VA	not more than 160
Overall dimensions of the machine (LxWxH), mm	319x216x142
Weight of the machine (with delivery set), kg	3,5

Delivery set

Electronic unit	1
Transducer #1 (50 mm)	1
Transducer #2 (75 mm)	1
Transducer #3 (cavity-type)	1
Transducer #4	1
Transducer #5	1
Case for transducer #4	2
Case for transducer #5	2
Restraining strap	
for transducer #3 (cavity-type)	1
Restraining strap for transducers	1
Operation documentation	1

SMV-20-Med TeCo

machine for centimeter wave therapy

Microwavetherapy



Description

SMV-20-Med TeCo is an advanced Russian-made microwave system to provide sparing effect on a patient with low power. The device is equipped with specialized transducers to ensure its application not only for general physiotherapeutic treatment, but also in urology, gynecology, and otolaryngology.

The advantages of the machine

- | | |
|--|--|
| <div>+1</div> <div>Flexible transducer holder for convenient operation</div> | <div>+2</div> <div>Automatic detection of the number of a connected transducer</div> |
| <div>+3</div> <div>Control of the transducer's contact with the patient's body for correct procedure</div> | <div>+4</div> <div>Specialized transducers extend the range of use</div> |



SMV-20-Med TeCo

Technical specifications

Operating frequency, GHz	2,45
Control	LCD display, buttons
Timer setting range, min	1÷30
Mode of machine operation	continuous
Time of setting the operation mode, s	not more than 30
Output power	from 0,5 to 5 W with 0,5 W steps from 5 to 20 W with 1 W steps
Power supply	230 V, 50 Hz
Power consumption, VA	not more than 120
Overall dimensions of the machine (LxWxH), mm	420x270x170
Weight of the machine (with delivery set), kg	7,5

Delivery set

Electronic unit	1
Transducer #1 (20 mm)	1
Transducer #2 (35 mm)	1
Transducer #3 (115 mm)	1
Transducer #4 (rectal)	1
Transducer #5 (vaginal)	1
Transducer #6 (auricular)	1
Transducer holder (assembled)	1
Connection cable	1
Replaceable cap for transducer #4	1
Replaceable cap for transducer #5	1
Replaceable cap for transducer #6	1
Restraining strap for transducers	1
Operation documentation	1

SMVi-200-Med TeCo pulse machine for centimeter wave therapy

Microwavetherapy



Description

SMVi-200-Med TeCo is a microwave therapy device to provide therapeutic effect on a patient by a centimeter range electromagnetic field of ultrahigh frequency. The high-performance characteristics of the device, universal set of transducers and mobile design make its use comfortable for the patients and medical personnel. SMVi-200-Med TeCo is an effective solution for the patient treatment.

The advantages of the machine

- | | |
|---|--|
| <div><div>+1</div><div>Two modes of machine operation: continuous and pulse</div></div> | <div><div>+2</div><div>Simple adjustment of the inductor holder in any plane</div></div> |
| <div><div>+3</div><div>Trolley stand ensures convenient operation</div></div> | <div><div>+4</div><div>Power up to 200 W for a wide range of treatment</div></div> |



SMVi-200-Med TeCo

Technical specifications

Operating frequency, GHz	2,45
Control	LCD display, buttons
Timer setting range, min	1÷30
Mode of machine operation	continuous, pulse
Time of setting the operation mode, s	not more than 30
Output power	15; 30; 45; 60; 90; 120; 150; 200
Average output power of the machine in pulse mode	10; 20; 30; 40; 50; 60; 80; 100
Standing wave ratio of the transducers	not more than 2,5
Power supply	220 V, 50 Hz
Power consumption, VA	not more than 450
Overall dimensions of the machine (LxWxH), mm	421x285x170
Weight of the machine (with delivery set), kg	19

Delivery set

Electronic unit	1
Replaceable transducers:	
Cylindrical Ø90 mm	1
Cylindrical Ø110 mm	1
Cylindrical Ø140 mm	1
Rectangular	1
Form-fitting	1
Transducer holder completed with trolley stand	1
Connection cable	1
Protective goggles	1
Operation documentation	1

Machines for ultrasound therapy

Uzt-Med TeCo (dental, urological)

Ultrasound therapy



Description

Uzt-Med TeCo device is the only Russian-made ultrasound therapy unit to provide not only general physiotherapy treatment, but is used in dentistry, urology, and gynecology. The device is equipped with the special-purpose transducers, which make this model indispensable in treatment of a number of diseases. The device is an element of the standard equipment in medical institutions.

The advantages of the machine

- +1

Control of the transducer contact with the patient's body for a correct procedure
- +2

Special-purpose transducers for use in dentistry and urology
- +3

The compact size of the device ensures its easy use
- +4

Light indication of the ultrasound radiation



UZT 1.02.C-Med TeCo



UZT 1.02.U-Med TeCo

Technical specifications

	1.02.C	1.02.U
Frequency of ultra-sound oscillations, MHz	0,88	
Control	liquid crystal display, buttons	
Operation mode	continuous, pulse	
Timer setting range, min	1÷15	
Operation mode setting time, s	not more than 30	
Power consumption, VA	not more than 45	
Number of transducers	3	
Effective transducer area, cm²	1; 1; 4	1; 2; 4
Pulse duration, ms	2; 4; 10	
Effective intensity of ultrasound oscillations (by steps), W/cm²	0,05; 0,2; 0,4; 0,7; 1	
Power supply	220 V, 50 Hz	
Overall dimensions of the machine (LxWxH), mm	260x218x108	
Weight of the machine (with delivery set), kg	3,5	

Delivery set

UZT-1.02C	
Electronic unit	1
Replaceable transducers:	
0,88-1.01F (1 cm² area)	1
0,88-4.01F (4 cm² area)	1
0,88-1.01C (1 cm² area)	1
Connection cable	1
Transducer holder	1
Network cable	1
Operation documentation	1
UZT-1.02U	
Electronic unit	1
Replaceable transducers:	
0,88-1.01F (1 cm² area)	1
0,88-4.01F (4 cm² area)	1
0,88-13-2.01U (2 cm² area)	1
Connection cable	1
Transducer holder	1
Network cable	1
Operation documentation	1

Machines for ultrasound therapy

UZZ-Med TeCo (general physiotherapy)

Ultrasound therapy



Description

Med TeCo ultrasound therapy machine is a Russian-made physiotherapeutic device, which is an element of the standard equipment in medical institutions. The device is equipped with the transducers of different effect area to provide ultrasound treatment to any part of the patient's body. A wide range of models, ergonomic design and operational simplicity allow the use of this machine in medical institutions of any type.

The advantages of the machine

- +1

Control of the transducer contact with the patient's body for a correct procedure
- +2

Transducer overheat protection ensures the safety of use
- +3

The compact size of the device ensures its easy use
- +4

Light indication of the ultrasound radiation
- +

Multifrequency transducers



UZT 1.02F-Med TeCo



UZT 1.3.02F-Med TeCo



UZT 1.3.03F-Med TeCo

Technical specifications

	1.02F	3.02F	1.3.02F	1.3.03F
Frequency of ultra-sound oscillations, MHz	0,88	2,64	0,88; 2,64	
Control	liquid crystal display, buttons			
Operation mode	continuous, pulse			
Timer setting range, min	1÷30			
Operation mode setting time, s	not more than 30			
Power consumption, VA	not more than 45			
Number of transducers	2			4
Effective transducer area, cm²	1; 4			1; 1; 4; 4
Pulse duration, ms	2; 4; 10			
Effective intensity of ultrasound oscillations (by steps), W/cm²	0,05; 0,1; 0,2; 0,3; 0,4; 0,5; 0,6; 0,7; 0,8; 0,9; 1,0			
Power supply	230 V, 50 Hz			
Overall dimensions of the machine (LxWxH), mm	260x218x108			
Weight of the machine (with delivery set), kg	3			

Delivery set

UZT-1.02F, UZT-3.02F, UZT-1.3.02F	
Electronic unit	1
Replaceable transducers:	
IUT-1.01F (1 cm² area)	1
IUT-4.01F (4 cm² area)	1
Connection cable	1
Network cable	1
Operation documentation	1
UZT-1.3.03F	
Electronic unit	1
Replaceable transducers:	
IUT-1.01F (1 cm² area)	2
IUT-4.01F (4 cm² area)	2
Connection cable	1
Transducer holder	1
Operation documentation	1

Machines for ultrahigh frequency therapy

UVCH-Med TeCo

Ultrahigh frequency therapy



Description

UVCH-Med TeCo machine is an element of the standard equipment in medical institutions. The ultrahigh frequencies are used for treatment in clinics of therapeutic, neurological, surgical, obstetrical, and gynecological profile. The advanced element base, compact design and operational simplicity ensure the applicability of the device in any physiotherapy room.

The advantages of the machine

- | | |
|---|---|
| <div>+1</div> <div>Automatic adjustment in resonance with the delivered electrodes</div> | <div>+2</div> <div>Light indication of high frequency radiation</div> |
| <div>+3</div> <div>Automatic generator shutdown and acoustic signal at the end of treatment</div> | <div>+4</div> <div>Flexible electrode holders ensure convenient operation</div> |



UVCH-30-Med TeCo



UVCH-60-Med TeCo



UVCH-80-Med TeCo

Technical specifications

	UVCH-30	UVCH-60	UVCH-80
Operating frequency, MHz	27,12		
Control	liquid crystal display, buttons		
Timer setting range, min	0÷99		
Machine adjustment in resonance at all power steps	automatic		
Time to reach operating mode, s	not more than 30	not more than 60	not more than 30
Output power, adjustable in steps, W	5; 10; 15; 20; 25; 30	10; 15; 20; 30; 40; 50; 60	10; 15; 20; 30; 40; 50; 60; 70; 80
Number of power adjustment steps	6	7	9
Electrode holders	flexible		
Resonance inductor	✓	—	✓
Power supply	220 V, 50 Hz		
Power consumption, VA	not more than 150	not more than 250	not more than 250
Overall dimensions of the machine (LxWxH), mm	390x270x174	481x285x170	430x289x174
Weight of the machine (with delivery set), kg	not more than 10		

Delivery set

UVCH-30, UVCH-80	
Electronic unit	1
Feeder electrode holder	2
Replaceable electrodes:	
Ø36 mm	2
Ø80 mm	2
Ø120 mm	2
Resonance inductor	1
Magnetic field indicator	1
Operation documentation	1
UVCH-60	
Electronic unit	1
Feeder electrode holder	2
Replaceable electrodes:	
Ø36 mm	2
Ø80 mm	2
Ø120 mm	2
Magnetic field indicator	1
Operation documentation	1

AFK-Med TeCo physiotherapy machine of combined effect

Combination therapy



Description

AFK-Med TeCo is the only Russian-made system to provide a combined physiotherapeutic effect for the electric and ultrasound therapy procedures. The high-performance characteristics of the device are ensured by a wide range of set parameters. Two independent channels for electrotherapy and an ultrasound unit operating at two frequencies allow to select the most appropriate treatment.

The advantages of the machine

- +1

Two independent electrotherapy channels and one ultrasound channel
- +2

Possibility of setting up over 500 individual user programs
- +3

Therapeutic encyclopedia with typical treatment methods is integrated
- +4

Integrated electronic patient record management system



AFK-Med TeCo

Technical specifications

Operation mode setting time not more than, min	1	
Timer setting range, min	0÷99	
Operation mode of the ultrasonic oscillation generator	continuous, pulse	
Number of channels	electrotherapy - 2	
	ultrasound therapy - 1	
Electrotherapy mode	Types of the machine output current: Galvanic current, diadynamic currents, Trabert current, faradic currents, neofaradic currents, programmable pulses (rectangular and triangular), TENS, 2-pole interference, 4-pole interference, exponential pulses, combined pulses, isoplanar field, dipole vector, Leduc currents, H-waves, microcurrents, medium frequency currents, electrodiagnostics, HVT-therapy, Russian currents, stimulating impulses, amplipulse therapy (SMT), electrosleep therapy	
Ultrasound mode	Operation mode	continuous, pulse
	Operating frequency, MHz	0,88; 2,64
	Effective intensity of ultrasound oscillations, W/cm²	0,05; 0,2; 0,4; 0,7; 1,0
Power supply	230 V, 50 Hz	
Power consumption, VA	not more than 50	
Overall dimensions of the machine (LxWxH), mm	390x279x170	
Weight of the machine (without delivery set), kg	4,8	

Delivery set

Electronic unit	1
Replaceable transducers:	
0,88/2,64 MHz (1 cm²)	1
0,88/2,64 MHz (4 cm²)	1
Network cable	1
Ultrasound transducer bracket	1
Accessory bracket	1
Physiotherapy electrodes with current-conducting carbon fabric:	
40x50 mm	2
50x100 mm	2
90x140 mm	2
130x190 mm	2
«Scherbak» collar 250x440 mm	1
Silicone electrically conductive electrodes:	
25x30 mm	2
55x80 mm	2
100x120 mm	2
Pockets:	
50x55 mm	4
85x105 mm	4
125x145 mm	4
Metal electrode	2
Electrodiagnostic electrode	1
Patient button	1
Mask for electrosleep therapy	1
Retentive tourniquet:	
L=40 cm	2
L=60 cm	1
L=100 cm	1
Distribution box with cables	2
Connecting cable	4
Remote controller	1
Operation documentation	1

UVT-Med TeCo shockwave therapy unit

Combination therapy



Description

The shockwave therapy unit UVT-Med TeCo is intended for extracorporeal shockwave therapy for the treatment of disorders and pain in the musculoskeletal system and soft tissues. The shockwave therapy is widely used in rehabilitation, orthopedics, traumatology, and sports medicine. The field of application also includes neurology, urology, dermatology and cosmetology.

The advantages of the unit

- +1

Ergonomic applicator with buttons for convenient autonomous control
- +2

Flexible adjustment of energy density/frequency/number of pulses
- +3

All procedure parameters are displayed on the touch screen
- +4

Options for using established standard methods and create own



UVT-Med TeCo

Technical specifications

Operational control	color touch screen, encoder	
Operating mode setting time, min	5	
Applicator operating life	1 mln shockwaves	
Focus size, mm	5x5x30	
Focal length, mm	for nozzle No. 1	45
	for nozzle No. 2	30
	for nozzle No. 3	15
Shockwave frequency, Hz	1-8	
Supply voltage, V	230	
Power frequency, Hz	50	
Energy density of focused shockwaves, mJ/mm²	0,01; 0,02; 0,03; 0,05; 0,07; 0,1; 0,15; 0,2; 0,25; 0,3; 0,35; 0,4; 0,45; 0,5; 0,55	
Power consumption, VA	700	
Dimensions (LxWxH), mm	478x545x1095	
Weight, kg	56,2	

Delivery set

Main block	1
Control block	1
Applicators:	
Focused shockwaves applicator	1
Focal length nozzle No. 1 (45 mm)	1
Focal length nozzle No. 2 (30 mm)	1
Focal length nozzle No. 3 (15 mm)	1
Rings:	
Nozzle fixation ring No. 1	1
Nozzle fixation ring No. 2	1
Nozzle fixation ring No. 3	1
Applicator holder	1
Power cable	1
Connecting cable (main block - control block)	1
Applicator cable support rod	1
Set of operational documentation	1
Accessories:	
Accessory holder	1
Control pedal	1
Measuring container	1

ELESCULAP-Med TeCo multifunctional machine for stimulation and electrotherapy

Electrotherapy



Description

ELESCULAP-Med TeCo is a Russian-made machine to perform various electrotherapy treatments by using a single device. The combination of different types of currents and their modulation makes the device versatile for treatment of various diseases. The parameters of effects provided by the device are under regulatory controls for the medical rooms' equipment.

The advantages of the machine

- | | |
|--|---|
| <div><div>+1</div><div>Generation of pulses of different shape in a wide frequency range</div></div> | <div><div>+2</div><div>Use of the machine for electrotherapy and muscle stimulation</div></div> |
| <div><div>+3</div><div>Extended delivery set increases the range of effect</div></div> | <div><div>+4</div><div>User mode allows the use of device for scientific activity</div></div> |



ELESCULAP-Med TeCo

Technical specifications

Control	liquid crystal display, buttons
Timer setting range, min	1÷99
Direct current	✓
Form of pulse carriers	sinusoidal, triangular, rectangular, exponential
Form of modulating pulses	sinusoidal, rectangular
Maximum frequency of pulse carrier generation, Hz	10 000
Maximum output current, mA	100
Power supply	230 V, 50 Hz
Power consumption, VA	not more than 50
Overall dimensions of the machine (LxWxH), mm	210x260x100
Weight of the machine (with delivery set), kg	3

Delivery set

Electronic unit	1
Physiotherapy electrodes with current-conducting carbon fabric:	
40x50 mm	2
50x100 mm	2
90x140 mm	2
130x190 mm	2
«Scherbak» collar 250x440 mm	1
Mask for electrosleep therapy	1
Silicone electrically conductive electrodes:	
25x30 mm	2
55x80 mm	2
100x120 mm	2
Electrodiagnostic electrode	1
Pockets:	
50x55 mm	4
85x105 mm	4
130x145 mm	4
Connection cable with electrode holder	2
Connection cable with alligator-type clip*	2
Connection cable bifurcated alligator-type clip	2
Operation documentation	1

*supplied on request

Operation modes

- Amplipulse therapy

Diadynamic therapy

Electrophoresis/galvanization

Electro stimulation
- Electrosleep therapy

Transcranial electro analgesia

User mode

ELESCULAP-Med TeCo multifunctional machine for low-frequency electrotherapy

Electrotherapy



Description

ELESCULAP-2-Med TeCo is an advanced Russian-made system for electrotherapy treatments. The high-performance characteristics are ensured by a wide range of effect currents and parameters to be set. Two independent electrotherapy channels, encyclopedia of diseases with navigation over the patient's body, and the completed treatment protocols allow to select required effect according to the prescription.

The advantages of the machine

- | | |
|--|--|
| <div><div>+1</div><div>Two independent channels of electrotherapy allow to affect 2 zones</div></div> | <div><div>+2</div><div>Possibility of setting up over 500 individual user programs</div></div> |
| <div><div>+3</div><div>Therapeutic encyclopedia with typical treatment methods is integrated</div></div> | <div><div>+4</div><div>Integrated electronic patient record management system</div></div> |



ELESCULAP-2-Med TeCo

Technical specifications

Control	color touchscreen display, encoders
Timer setting range, min	1÷99
Number of channels	2
Type of carrier current	direct, diadynamic, interferential, pulsed
Form of pulse carriers	triangular, rectangular, exponential, combined
Form of modulating pulses	sinusoidal, symmetrical, trapezoidal
Maximum output current, mA	140
Power supply	230 V, 50 Hz
Power consumption, VA	not more than 60
Overall dimensions of the machine (LxWxH), mm	426x291x171
Weight of the machine (without delivery set), kg	6,8

Current forms at the machine output

Galvanic	Rectangular pulses
TENS	Triangular pulses
Diadynamic	Exponentially increasing pulses
Interferential	Exponentially decreasing pulses
Trabert current	Faradic and neofaradic currents
Leduc currents	H-waves
Russian stimulation	Stimulating pulses
Amplipulse therapy	

Delivery set

Electronic unit	1
Replaceable electrodes:	
Physiotherapy electrodes with current-conducting carbon fabric:	
40x50 mm	2
50x100 mm	2
90x140 mm	2
130x190 mm	2
«Scherbak» collar 250x440 mm	1
Metalic electrode 20x20 mm	2
Silicone electrically conductive electrodes:	
45x60 mm	4
60x90 mm	4
70x110 mm	4
Electrodiagnostic electrode completed with handle-button	1
Accessory bracket	1
Retentive tourniquet	
L=40 cm	2
L=60 cm	1
L=100 cm	1
Comp. connection cable	2
Bifurcated connecting cable*	2
Connection with an alligator-type clip cable*	2
Connection bifurcated with an alligator-type clip cable*	2
Trolley table*	1
Operation documentation	1

*supplied on request

FOREZ-Med TeCo machine for galvanization and medicine electrophoresis

Electrotherapy



Description

FOREZ-Med TeCo is a compact medical device designed for the use in physiotherapy rooms. The direct electric current effect is applied for the treatment of the musculoskeletal system, cardiovascular system, and gastrointestinal tract. The operational simplicity and extended delivery set make it indispensable for the patient treatment in any multi-disciplinary medical institution.

The advantages of the machine

- +1

Machine blocks current switching on if the regulator is not set to a minimum
- +2

Current is reduced gradually to zero at the end of the procedure time
- +3

Extended delivery set increases the scope of application
- +4

The compact size of the device ensures its easy use



FOREZ-Med TeCo

Technical specifications

Control	digital indicators, buttons
Timer setting range, min	1÷99
Time to reach operating mode, s	not more than 5
Maximum output current, mA	80
Type of current	direct
Current setting ranges, mA	0÷5; 0÷10; 0÷20; 0÷50; 0÷80
Current regulation on all ranges	gradual
Power supply	220 V, 50 Hz
Power consumption, VA	not more than 15
Overall dimensions of the machine (LxWxH), mm	260x210x100
Weight of the machine (with basic delivery set), kg	2,6

Delivery set

Basic:	
Electronic unit	1
Silicone electrodes:	
25x30 mm	4
55x80 mm	4
100x120 mm	4
Connection cable:	
With a lug	2
Bifurcated with a lug	2
With an alligator-type clip	2
Bifurcated with an alligator-type clip	2
Retentive tourniquet:	
60x400 mm	4
60x600 mm	2
60x1000 mm	1
Operation documentation	1
Extended:	
Basic set +	
Electrodes with current-conducting carbon fabric:	
Rectangular 90x140 mm	2
Rectangular 130x190 mm	2
«Scherbak» collar 250x440 mm	1
3-blade (Bergonie half mask) 160x190 mm	2
Auricular 110x130 mm	2
Throat 100x150 mm	2
Operation documentation	1

ULTRADAR-Med TeCo machine for darsonvalization and ultratonotherapy

Electrotherapy



Description

ULTRADAR-Med TeCo machine is an element of the standard equipment in medical institutions. The combination of two operation modes in one device – darsonvalization and ultratonotherapy makes the device versatile in its use. A wide range of electrodes provides treatment of various diseases. The portability and operational simplicity allow you to use the device in any physiotherapy room.

The advantages of the machine

- +1

Combination of the darsonvalization and ultratonotherapy modes in one device
- +2

Gradual adjustment of the voltage on the holder during treatment
- +3

Light indication of the voltage and its strength applied to the electrode
- +4

The compact size of the device ensures its easy use



ULTRADAR-Med TeCo

Technical specifications

Control	digital indicators, buttons	
Timer setting range, min	0÷99	
Modes of operation	darsonvalization, ultratonal therapy	
Peak voltage at the machine output, kV	darsonvalization mode	8÷25
	ultratonal therapy mode	1÷3
Pulse packet repetition frequency in darsonvalization mode, Hz	100	
Pulse modulation frequency in darsonvalization mode, kHz	110	
Frequency of sinusoidal output voltage in ultratonal therapy mode, kHz	22	
Power supply	230 V, 50 Hz	
Power consumption, VA	not more than 50	
Overall dimensions of the machine (LxWxH), mm	258x209x119	
Weight of the machine (with delivery set), kg	2,5	

Delivery set

Electronic unit	1
Replaceable main electrodes:	
Mushroom-shaped	1
Point	1
Comb	1
Gingival	1
Auricular	1
Neck	1
Optional:	
Rectal*	1
Vaginal*	1
Operation documentation	1

*supplied on request

ELAD-Med TeCo machine for darsonvalisation (portable)

Electrotherapy



Description

ELAD-Med TeCo is a Russian-made medical device widely applicable in medical institutions and for home. The compact design, intuitive operation and operational simplicity of the device are the factors that guarantee the efficiency of its use in any physiotherapy room.

The advantages of the machine

- +1

Gradual adjustment of the voltage on the holder during the procedure
- +2

Light indication of the voltage and its strength applied to the electrode
- +3

The compact size of the device ensures its easy use
- +4

Additional special-purpose electrodes extend the scope of application



ELAD-Med TeCo

Technical specifications

Amplitude value of output voltage, kV	0,8÷25
Pulse packet repetition frequency, Hz	100
Pulse modulation frequency in, kHz	110
Power supply frequency, Hz	50
Power consumption, VA	not more than 45
Overall dimensions of the machine (LxWxH), mm	200x60x40
Weight of the machine (with delivery set), kg	0,5

Delivery set

Electronic unit	1
Replaceable main electrodes:	
Mushroom-shaped	1
Point	1
Comb	1
Optional:	
Gingival*	1
Auricular*	1
Neck*	1
Rectal*	1
Vaginal*	1
Operation documentation	1

*supplied on request

ORK-Med TeCo

mercury-quartz irradiators

Phototherapy



Description

ORK-Med TeCo irradiators are the units for general and local irradiation of the patient's body with integral ultraviolet radiation. The units are used for prevention and treatment of various diseases, provide body system functioning activation, restore disturbed metabolic processes, reduce painful sensations. The equipment is an element of the standard equipment in medical institutions.

The advantages of the machine

- | | |
|--|---|
| <div>+1</div> <div>Automatic irradiator start trigger</div> <div></div> | <div>+2</div> <div>Easy adjustment of the irradiator in any plane</div> <div></div> |
| <div>+3</div> <div>Trolley stand ensures convenient operation and transportation</div> <div></div> | <div>+4</div> <div>Minimum time of the irradiator readiness for operation</div> <div></div> |



ORKn-Med TeCo



ORKsh-Med TeCo

Technical specifications

	ORKn	ORKsh
Time of the irradiator readiness for operation, min	not more than 15	
Mode of operation, h	8	
Radiation source	DRT 240 type lamp	DRT 400 type lamp
Adjustment of the irradiator in any plane	✓	
Irradiance in the effective spectral range of 220-400 nm at a distance of 0.5 m from the end of the reflector, W/m ²	15	45
Operating area of irradiation, m	0,135x0,225	0,185x0,295
Coefficient of irradiation irregularity within the working surface	0,7	
Power supply	220 V, 50 Hz	
Power consumption, VA	not more than 500	not more than 1300
Overall dimensions of the machine (LxWxH), mm	580x470x590	680x820x1750
Weight of the machine (without delivery set), kg	3,5	12

Delivery set

ORKn	
Vertical bar with cross-piece	1
Base legs	4
Reflector with horizontal bar	1
Protective goggles	2
Protective curtain*	1
Operation documentation	1

*supplied on request

ORKsh	
Base with wheels assembled	1
Vertical bar (extendable)	1
Reflector with horizontal bar	1
Protective goggles	2
Protective curtain*	1
Operation documentation	1

*supplied on request

INKO-Med TeCo

portable pressurized inhaler

Inhalation therapy



Description

INKO-Med TeCo is a Russian-made inhaler designed for aerosol therapy. It operates in two modes with the option to select the size and speed of spraying the aerosol and is equipped with a flow meter of the medicine. The applied functions allow to strictly comply with the treatment prescription, precisely dose the drug, and control the time of the treatment.

The advantages of the machine

- +1

Medicine flow meter for its economic use
- +2

Two modes of operation: fine and medium-dispersed aerosol
- +3

Light indication displaying the selected mode of operation
- +4

The compact size of the device ensures its easy use



INCO-Med TeCo

Technical specifications

Volume of flask for liquid, ml	not more than 7	
Number of operation modes	2	
Timer setting range, min	0÷28	
Control	LED indicators, buttons	
Size of dispersed particles, µm	mode 1 fine aerosol	0,8÷2,0
	mode 2 medium-dispersed aerosol	2,0÷10,0
Speed of liquid spraying, ml/min	mode 1 fine aerosol	0,25
	mode 2 medium-dispersed aerosol	0,5
Power supply	220 V, 50 Hz	
Power consumption, VA	not more than 330	
Overall dimensions of the machine (LxWxH), mm	295x200x130	
Weight of the machine (with delivery set), kg	3	

Delivery set

Compressor unit	1
Flask for medicine spraying	1
Connecting tube	1
Mouthpiece	1
Economiser	1
Dust filter	3
Nose tip	2
Breathing mask	2
Operation documentation	1

About us



Med TeCo is a Russian medical equipment brand since 2001, offering customers cutting-edge equipment of the highest quality for physiotherapy, low-temperature sterilization and air disinfection.

Med TeCo – medical equipment for a healthy life

Med TeCo is a synthesis of high technology, research and development and a great experience in manufacturing medical equipment. The company has its own manufacturing facilities, a pool of scientists and engineers to design and introduce high-tech equipment to the market. Over 70 types of medical equipment, some of which have no analogues in the Russian Federation, have been produced during two decades of successful work.

Med TeCo products have registration certificates of the Federal Service for Surveillance in Healthcare, RF and CE certificates, are manufactured in strict compliance with the highest requirements of Russian and international standards (QMS GOST R ISO 9001-2015 and GOST ISO 13485-2017).

Med TeCo medical equipment has been clinically tested in the leading medical institutions of Russia: N.N. Burdenko Main Military Clinical Hospital, I.M. Sechenov First Moscow State Medical University, A.A. Vishnevsky Central Military Clinical Hospital.

Med TeCo is a reliable partner in the Russian and global markets

To date, the company is one of the industry leaders in the development and sale of cutting-edge medical equipment to medical institutions across the country through a specialized dealer network. The deliveries are made all over the Russian Federation, as well as to Belarus, Kazakhstan, Uzbekistan, and Kyrgyzstan. The export deliveries to Eastern Europe, Southeast Asia, Latin America and India are being actively developed.

Notes



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medical equipment



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