



**NOVINMED**  
NOVIN MEDICAL ENGINEERING CO.

Designer & Manufacturer  
of Physiotherapy Equipment





## About us

### 30 years of togetherness

Novin medical engineering Co. has been operating in the field of medical devices manufacturing for over three decades. We have made it our mission to always innovate, make high quality products and improve our aftersales services in order to facilitate the treatment process performed by therapists. We will relentlessly continue putting all of our efforts into fulfilling our mission and our role in society's wellbeing and cooperating with the community of therapists and we will not stop until this goal is achieved.

This is a lasting commitment to innovation, growth and progress. Novin Medical Engineering Co. has strengthened its leadership position as the biggest manufacturer in the field of physiotherapy equipment in the Middle East.



# Shockwave Model 350G

## Electromagnetic Radial Shockwave

Ballistic radial shockwave system with electromagnetic generator for projectile acceleration.

### Technical Specification

Shock energy (mj)	60 - 185
Frequency (Hz)	1 - 22
Display	10" color touch screen
Preset protocols	43
Modes	Continuous, 3 burst modes (with 4-8-12 pulses)
Dimensions	360*270*270 mm (W*L*H)
Weight	4.1 Kg without trolley Approx. 16.4 Kg with trolley
Accessories	Handpiece Shock transmitter heads (6-15-25 mm) Footswitch Gel 500 ml Silicone caps User manual Second handpiece (optional) Trolley (optional)



# Shockwave Model 360G

## Pneumatic Radial Shockwave

Ballistic radial shockwave system with pneumatic generator for projectile acceleration.

### Technical Specification

Pressure (Bar)	1 - 5
Frequency (Hz)	1 - 22
Display	10" color touch screen
Preset protocols	48
Modes	Continuous, Single, Variant, 3 burst modes (with 4-8-12 pulses)
Dimensions	360*270*270 mm (W*L*H)
Weight	8.3 Kg without trolley Approx. 20.6 Kg with trolley
Accessories	Handpiece Shock transmitter heads (9-15-25 mm) Generator (2 pieces) Footswitch Handpiece holder Gel 500 ml User manual Trolley (optional)





## High Power **Laser** Model 885G 15W

### ► Technical Specification

Power (W)	Max 15
Frequency (Hz)	1-100
Wavelength (nm)	810, 980
Display	10" color touch screen
Preset protocols	57
Modes	Continuous, Single, Pulsed, Burst
Dimensions	360*270*270 mm (W*L*H)
Weight	5.5 Kg without trolley Approx. 17.8 Kg with trolley
Accessories	Spacers: <ul style="list-style-type: none"> <li>• Large (35mm)</li> <li>• Small (25mm)</li> </ul> Footswitch Interlock Safety goggles (2 pieces) User manual Trolley (optional)



# Tecar Model 560G

## ► Technical Specification

Frequency (Hz)	350, 448, 680, 900, 1100
Power (W)	350
Display	10" color touch screen
Preset protocols	43
Modes	Continuous, Pulsed, Sweep
Dimensions	360 * 270 * 270 mm (W*L*H)
Weight	4.5 kg without trolley Approx. 16.8 Kg with trolley
Accessories	Monopolar handpiece <ul style="list-style-type: none"> <li>• Resistive heads (35-60-85mm)</li> <li>• Capacitive heads (35-60-85mm)</li> </ul> Bipolar handpiece Bipolar facial handpiece Handsfree cable Conductive cream (1000 ml) Small-adhesive electrodes Self-adhesive common plate Stainless steel common plates (small and large) Patient emergency button (for handsfree mode) User manual Trolley (optional)



# Magno Model 915G

## ► Technical Specification

Field intensity (Gauss)	Max 1100 (for single disk applicator)
Wave shapes	Square, Triangular, Rectangular, etc.
Display	10" color touch screen
Preset protocols	96
Modes	Continuous, Pulsed
Dimensions	360 * 270 * 270 mm (W*L*H)
Weight	4 Kg without accessories.
Standard accessories	Magnet tester User manual
Optional accessories	Single disk applicator Solenoid 30 cm Table & solenoid 70 cm Trolley



# Ultrasound Model 215M

## Technical Specification

Frequency (MHz)	1 and 3
Display screen	7" color touch screen
Preset protocols	68
Modes	Continuous, Pulsed
Intensity	2 W/cm <sup>2</sup> continuous 3 W/cm <sup>2</sup> pulsed
Dimensions	360*280*185 mm (W*L*H)
Weight	2.5 Kg without trolley Approx. 15 Kg with trolley
Accessories	Handpiece Combination cable Gel 500 ml Handpiece's holder User manual Trolley (optional)



# Laser Model 870M 2W

## Technical Specification

Power (W)	Max 2
Frequency (Hz)	1 - 10000
Wavelength (nm)	808
Display	7" color touch screen
Preset protocols	84
Modes	Continuous, Single Pulsed, Burst
Dimensions	360*280*185 mm (W*L*H)
Weight	2.3 Kg without trolley Approx. 14.6 Kg with trolley
Accessories	Interlock Safety goggles (2 Pieces) User manual Trolley (optional)



# MultiStim Model 735M

## Technical Specification

Number of channels	2 completely independent channels
Current waveforms	IF (2 pole, 4 pole, Isoplanar, Russian, VF, VS), TENS, NMES (FES, Faradic), IDC, Diadynamic
Display	7" color touch screen
Preset protocols	124
Dimensions	360*280*185 mm (W*L*H)
Weight	2.5 Kg without trolley Approx. 15 Kg with trolley
Accessories	Pen electrode Rubber electrodes Fixing straps Sponge pads Patient cables User manual Trolley (optional)



# BeautyStim Model 688M 8 Channel Stimulator

## Technical Specification

Number of channels	8 (4 pairs completely independent channels)
Current waveforms	TENS (Normal-FM-CM-WM-SD-RND-Burst-Reciprocal) FES, Faradic, Motor point
Display	7" color touch screen
Preset protocols	47 in different fields 21 P.P for fitness 16 P.P for sport 10 P.P for rehabilitation
Dimensions	360*280*185 mm (W*L*H)
Weight	2.7 Kg without trolley Approx. 15 Kg with trolley
Accessories	Pen electrode Rubber electrodes Fixing straps Sponge pads Patient cables User manual Trolley (optional)



# Biofeedback Model 760A

## Technical Specification

Number of EMG channels	2
Number of pressure channels	1
Display	22" color touch screen
Pressure range	0 to 300 mm Hg (400 hPa)
EMG signal range	0 to 2000 $\mu$ V rms
Selectable bandpass filter	Wide filter: 18 to 370 Hz Narrow filter: 100 to 370 Hz
Notch filter	50 Hz
Work / Rest periods	1-99s
Device weight with trolley	34 Kg
Dimensions of device	250*420*270 mm (W*L*H)
Dimensions of device with trolley	250*420*800 mm (W*L*H)
Accessories	Lubricant gel Balloon bulb pump with hose Pressure probe hose Pressure vaginal probe Pressure anal probe EMG cable Reference cable EMG vaginal probe EMG anal probe Self-adhesive electrode 1cm Self-adhesive electrode 3cm Self-adhesive electrode 5x5cm <sup>2</sup>



# CPM Model 545M

## Technical Specification

Knee extension limit	-10°-125°
Knee flexion limit	0°-135°
Speed	Up to 6.25°/sec
Force	Low, Medium, High
Display	5" color touch screen
Rated load	20 Kg
Treatment time	1 - 60 minutes
Modes	Warm up, Comfort zone, Fast back, Relaxation, Spring mode
Dimensions	580*1100*260 mm (W*L*H)
Weight	12 Kg
Accessories	Mobile application User manual Tablet (optional)



# Ultrasound Model 215P



## Technical Specification

Frequency (MHz)	1 and 3
Display	3.1" graphics display
Preset protocols	34
Modes	Continuous, Pulsed
Intensity	2 W/cm <sup>2</sup> continuous 3 W/cm <sup>2</sup> pulsed
Dimensions	270*255*135 mm (W*L*H)
Weight	1.8 Kg
Accessories	Handpiece Combination cable Gel 500 ml Magnetic handpiece's holder User manual Carrier bag (optional)

# Stimulator Model 710P Plus



## Technical Specification

Number of channels	2 completely independent channels
Current waveforms	TENS, FES, FAR, IDC, Galvanic
Display	3.1" graphics display
Preset protocols	57
Dimensions	270*255*135 mm (W*L*H)
Weight	1.8 Kg
Accessories	Pen electrode Rubber electrodes Fixing straps Sponge pads Patient cable User manual Carrier bag (optional)

# Interferential Model 520P Plus



## Technical Specification

Number of channels	2 completely independent channels
Current waveforms	Vector Field, 4 pole, 2 pole, Isoplanar Russian, Vector Scan
Display	3.1" graphics display
Preset Protocols	48
Dimensions	395*285*125 mm (W*L*H)
Weight	1.8 Kg
Accessories	Rubber electrodes Fixing straps Sponge pads Patient cable User manual Exclusive book Carrier bag (optional)

# Stimulator Model 620P



## Technical Specification

Number of channels	2 completely independent channels
Current waveforms	TENS, FES, FAR
Display	3.1" graphics display
Preset protocols	62
Dimensions	270*255*135 mm (W*L*H)
Weight	1.6 Kg
Accessories	Rubber electrodes Fixing straps Sponge pads Patient cable User manual Carrier bag (optional)



# Traction Model 555C

## Technical Specification

Lumber traction	Max 99Kg
Cervical traction	Max 20Kg
Hold time	0-99s
Rest time	0-99s
Modes	Intermittent, Static, Harmonic
Treatment time	0-99min
Protocols	10
Display	3" graphics display
Dimensions	320*320*240 mm (W*L*H)
Weight	15.7 Kg
Accessories	Patient emergency button User manual



# Vacuum Model 577C

## Technical Specification

Vacuum (mbar)	2 completely independent channels
Display	7-segment
Modes	Pulse 1, Pulse 2, Pulse 3, Continuous
Dimensions	360*270*270 mm (W*L*H)
Weight	5 Kg
Accessories	Vacuum electrodes (cup & disc) Vacuum cables 60mm electrode pads Vacuum interface cable Output obstruction Vacuum needles User manual



## Model 620F

### Technical Specification

Number of channels	2 completely independent channels
Current waveforms	TENS, FES, FAR
Display	7-segment
Preset protocols	69
Dimensions	345*230*115 mm (W*L*H)
Weight	3.4 Kg
Accessories	Rubber electrodes Fixing straps Sponge pads Patient cables User manual



# Stimulator

## Model 615K

### Technical Specification

Number of channels	1
Current waveforms	TENS, FES, FAR
Display	7-segment
Preset protocols	56
Dimensions	275*185*110 mm (W*L*H)
Weight	2 Kg
Accessories	Rubber electrodes Fixing straps Sponge pads Patient cables User manual



www.novinmed.com  
export@novinmed.com  
t.me/novinmed  
instagram/novinmedco  
instagram/novinmedint

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