

# GENESY 1500



The Top Professional Product, complete of all the currents used in the medical field and of the 3S and Action Now new technologies.

## 414 programs

53 Sport - 29 Fitness - 16 Beauty - 11 Rehabilitation - 33 Pain - 23 Microcurrents - 9 Denervated - 3 Incontinence - 6 Interferentials - 1 Ionophoresis - 84 Action Now - 54 "3S" Serial Sequential Stimulation 92 Electrotherapy Menu (Ems - Russian)

### ADVANCED TECHNOLOGIES IN THE NEW 2013 RANGE

Globus offers two innovative technologies intended to revolutionize the electrostimulation application in sport and medical fields: the **3S (Serial Sequential Stimulation)** technology and **ACTION NOW** technology.

**"3S" SERIAL SEQUENTIAL STIMULATION:** a real revolution in medical and physiotherapeutic fields as it permits to stimulate the muscles involved in a sequential manner. In this way the natural movement is repeated thanks to the activation in differentiated times of the muscular groups involved.

**ACTION NOW:** it enables to activate the muscular contraction through an external control managed by an operator. In this way it is possible to link the stimulation to the voluntary contraction to obtain a greater recruitment of the muscular fibers and an important coordinating effect.

**"EASY PROGRAM" ELECTROTHERAPY MENU:** a section where it is possible to rapidly set a program choosing the desired parameters (time, frequency, body part) and to execute specific treatments using EMS and Russian (Kotz) currents

**MULTI-USER:** it permits to store up to 25 different users and to create a library of personalized programs depending on individual aims.

**AUTOMATIC MODE (AUTO STIM®):** it permits to execute a program in automatic mode with no need of intervening manually in the intensity regulation.

**SYNCROSTIM:** It is possible to increase the intensity of the 4 channels simultaneously using only one button.

**RUN TIME FUNCTION:** this function permits to modify the time, the frequency and the pulse amplitude during the treatment

**PROGRAMMABLE:** 15 free memories, only for EMS and TENS.

**2+2 MODE:** it permits to execute two different programs simultaneously.

**FAVORITES:** it permits to store up to 30 programs for each user

**LAST 10:** it stores the last 10 executed programs

**WORKING TIME:** It indicates the total usage time of the device

**MY TRAINER:** it shows the electrode position on the display

**STIM LOCK**



CE  
0476

### TECHNICAL FEATURES

Channels: 4 independent CHANNELS  
 Frequency: 0,3 – 150 Hz  
 Power: 120 mA per channel  
 Pulse amplitude: 40 – 450 µs  
 Wave form: Square, biphasic, symmetrical and compensated wave  
 Power supply: mains or battery  
 Back-lit display  
 Device in II A class  
 In compliance with the directive 93/42/CEE-2007/47/CEE

### EQUIPMENT

1 Carrying case  
 1 GLOBUS GENESY 1500 Electrostimulator  
 4 Cables for electrode connection  
 2 Cables for microcurrents and ionophoresis  
 4 self-adhesive square electrodes  
 4 self-adhesive rectangular electrodes  
 1 Charger  
 1 Operating manual



## GENESY 1500

### Program list

#### REHABILITATION

Swollen ankles  
Atrophy recovery  
Hemiplegy-upper limbs  
Hemiplegy-lower limbs  
Recovery after ACL surgery  
Functional recovery  
Ankle re-education  
Leg re-education  
Muscle Spasms  
Shoulder subluxation prevention  
Vastus medialis reinforcement  
Motor point pen  
Agonist/Antagonist  
Muscle reinforcement

#### PAIN

High frequency antalgic tens  
Knee pain  
Endorphinic tens  
Post-surgery pain  
Chronic pain  
Shoulder pain  
Carpal tunnel  
Trapezius pain  
Knee osteoarthritis  
Rotator cuff tendinitis  
Low frequency antalgic tens  
Muscle pain  
Nerve compression  
Spinal compression  
Spinal osteoarthritis  
Spinal osteoporosis  
Hip osteoarthritis  
Ankle osteoarthritis  
Muscle tendon injury  
Post-surgical pain (bones fractures and soft tissue injuries)  
Sciatica  
Chronic lumbago  
Cervical pain  
Acute pain post inguinal hernia  
Bursitis-tendinitis  
Muscle injuries  
Bone fractures  
Whiplash  
Epicondylitis  
Osteoarthritis

#### IONOPHORESIS

Ionophoresis

#### INCONTINENCE

Mixed incontinence  
Stress incontinence  
URGE incontinence

#### MICROCURRENTS

Epicondylitis  
Scapulohumeral periarthritis

Muscle restoration  
Contusion  
Edema  
Skin ulcera  
Sciatica  
Lumbago  
Brachial neuralgia  
Acute pain  
Articular pain  
Stiff neck  
Whiplash  
Cervical spondylosis  
Shoulder sprain  
Carpal tunnel  
Knee sprain  
Knee osteoarthritis  
Ankle sprain  
Achille tendon inflammation  
Patella tendon inflammation  
Rotator cuff inflammation  
Tendon inflammation

#### DENERVATED

Triangular 1  
Triangular 2  
Triangular 3  
Trapezoidal 1  
Trapezoidal 2  
Trapezoidal 3  
Rectangular 1  
Rectangular 2  
Rectangular 3

#### INTERFERENTIALS

Knee osteoarthritis  
Acute lumbago  
Cervical pain  
Chronic lumbago  
Frozen shoulder  
Post-surgical pain

#### SPORT

Capillarization  
Warm-up  
Pre-competition warm-up  
Active recovery  
Maximum strength  
Endurance strength  
Explosive strength  
Aerobic endurance  
Reactivity  
Post-competition recovery  
Decontracting  
Hypertrophy

#### FITNESS

Firming  
Bio-Pulse firming  
Sculpting  
Bio-Pulse sculpting

Toning  
Mass building  
Body sculpting  
Definition  
Jogging  
Anaerobic fitness  
Aerobic fitness  
Cramp prevention

#### BEAUTY

Drainage  
Lipolysis  
Toning massage  
Skin tone improvement  
Connective massage  
Post-pregnancy drainage  
Post-pregnancy lipolysis  
Post-pregnancy firming

#### SERIAL SEQUENTIAL STIMULATION

The "3S" program list includes 54 parameter combinations

Area	Name	Hz	Delay Time
Upper Limbs	SerSeqStim 0,1 s	30	0,1
	SerSeqStim 0,2 s		0,2
	SerSeqStim 0,3 s		0,3
Lower Limbs	SerSeqStim 0,5 s	50	0,5
	SerSeqStim 1 s		1
Trunk	SerSeqStim 2 s	80	2
	SerSeqStim 3 s		3
	SerSeqStim 4 s		4
Total	SerSeqStim serial		11
54 Programs			

The "3S" programs are characterized by a delay activation of the channels 3 and 4 compared with the channels 1 and 2. The Serial Sequential Stimulation permits to stimulate the musculature in kinetic chain thanks to the differentiated activation times of the muscular groups involved.

#### ACTION NOW

The Action Now program list includes 84 parameter combinations

Area	Program name	Hz	Rump-Up time	Contract. time
Upper Limbs	Action 0,2 - 1 s	30	0,2	1
	Action 0,5- 1s		0,5	1
Lower Limbs	Action 1 - 1 s	50	1	1
	Action 2 - 1 s		2	1
Trunk	Action 3 - 2 s	80	3	2
	Action 4 - 2 s		4	2
	Action 2 - 6 s		2	6
TOTAL	84 programs			

The Action Now programs are particularly useful to link and to synchronize the electric stimulation with a voluntary action

#### ELECTROTHERAPY

The Electrotherapy includes 48 combinations of EMS and 44 Russian (KOTZ) parameters.

