

TECHNICAL SPECIFICATIONS

Length	cm 85-115 cm 174 with opt. seat
Width	cm 62
Height	cm 100-140
Weight	kg 55 kg 105 with opt. seat
Max resistive torque	22.5Nm
Stimulation channels n.	10
Current for each channel	0-140 mA
Wave form	Charge balanced biphasic pulse
Display	Color LCD 10.1" touch

SAFETY

- Electrode detachment detection
- Muscle spasm detection
- Muscle fatigue detection
- Automatic stimulation control
- Automatic speed control
- Emergency stop
- Wheelchair restraint system



Tetra handpieces with forearm support



Set for pediatric use



Anti-tip safety belts



Stimulation cable with 10 channels



Gloves for use with handpieces



Ultrastim® Wire Electrodes



pegaso
Systems
for
rehabilitation

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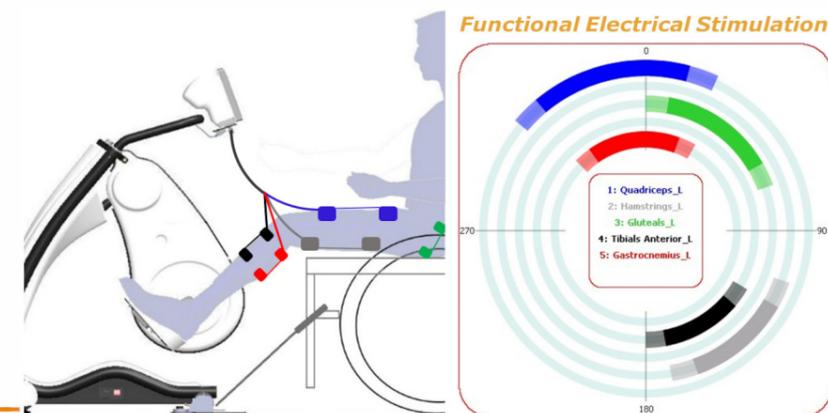
*You can make
a change for the better*

PEGASO FES CYCLING



Pegaso is a stationary FES cycling system for arms and legs that grants all the benefits of functional electrical stimulation synchronized with cyclic movements to people with muscle weakness or paralysis.

TECHNOLOGY



FES or Functional Electrical Stimulation is a rehabilitation technique whereby electrical current stimulates nerves via electrodes on the skin to evoke muscle contractions even if paralysis prevents brain signals from reaching the muscles.

FES directly commands the contraction of different muscle groups in the right sequence to generate a functional movement, using the body's own potential energy

PEGASO IS FOR YOU

Diseases and injuries like *spinal cord injury, stroke, traumatic brain injury, multiple sclerosis, cerebral palsy, and other disorders with muscle weakness or paralysis*, make it nearly impossible to stay active and healthy because of limited mobility of major muscle groups.

The lack of physical activity and limited cardiopulmonary work can impair general health in children and adults leading to obesity, diabetes, cardiovascular diseases, and even depression and anxiety.

With Functional Electrical Stimulation

Pegaso enables muscles to activate and do the work they are meant to do despite weakness or paralysis. FES cycling empowers people with paralysis to stay active and healthy, having all the same benefits of traditional, able-bodied cycling, including: improvement of cardio-vascular health, increase of muscle mass and strength, reduction of fat mass, increase of bone density, improvement of self-image and social abilities, reduction of muscles spasms and contractures, increase of joints range of motion, lower probability of pressure sores.

MAIN BENEFITS

By cycling on Pegaso you can have the following benefits:

- Relaxation of muscle spasms
- Prevention or slowing of disuse atrophy
- Increasing local blood circulation
- Maintaining or increasing your range of motion

A UNIQUE SYSTEM

Pegaso has an innovative design and an exclusive mechanism that permits to adjust pedals height from 36 cm to 105 cm from the ground. This allows to easily go from a cycle-ergometer to and arm-ergometer, to also adapt cycling to different wheelchair types, and even to cycle from a supine position in a bed.



PEGASO HOME

Pegaso Home FES Cycling has been designed to guarantee freedom and independence in your rehabilitation at home. It is compact, light, and easy-to-use, perfectly created to adapt to your needs.

PEGASO PROFESSIONAL

Pegaso Professional is designed to provide therapists with all the tools they need to adapt the therapy at best. The database stores each patient's therapy and results for an easy to use and accurate follow-up. A complete set of accessories allows Pegaso Professional to best adapt to every patient.