

Stimulates nerve pathways and facilitates improvement of muscle atrophy.

Wearable

Simple

Anytime, anywhere

Smart & Motivating Partner for Rehabilitation
Electrical Stimulator

WILMO

Electrical Stimulator WILMO is a medical device for rehabilitation purpose. It facilitates the recovery from upper limb hemiplegia after stroke.

Our small device can detect EMG (Electromyography) signals and output electrical stimulation in proportion to the strength of the signal, simultaneously.

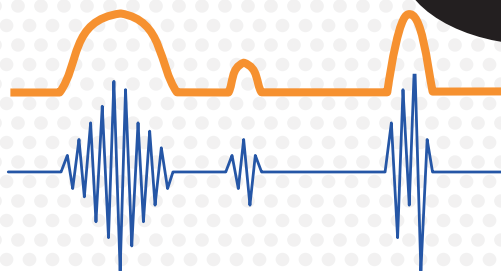
The electrical stimulation proportional to EMG signals is applied in real time. It can be expected more accurate re-education of muscles.



Synchronized stimulation to EMG

Electrical Stimulation

EMG



weight
55g



SK-Electronics CO.,LTD.

full-scale

WILMO

Makes your rehabilitation closer to you. Easy and fun.

WILMO is a wearable friend for your rehabilitation.

Wearable

Slim enough to tuck under your sleeve. Wear it for long periods of time without frustration.



Simple

Simple and quick operation using specially designed electrode, and with only 3 control buttons.

Anytime, anywhere

You can wear daily just like your wristwatch.

Specifications

Product name	Electrical Stimulator WILMO
Certification number (JAPAN)	230AFBZX00063000
Class category	Class IIa
Purpose of use	This product is used to stimulate nerves and muscles to provide transcutaneous pain relief and improve muscle atrophy.
Size	49 x 98 x 14.5mm (except the wristband)
Weight	55g
Frequency	20Hz±10%
Treatment time	Max 8hours
Compatible standards	IEC 60601-1 : 2005 + AMD1 : 2012 IEC 60601-1-2 : 2014 IEC 60601-2-10 : 2012 + AMD1 : 2016
Driving time	Max 8hours
Charging time	Max 3hours

WILMO was developed under the instruction of Dr. Yoshihiro Muraoka, former Lab Director at the National Hospital Organization Murayama Medical Center and professor in the Department of Health Sciences and Social Welfare at the School of Human Sciences, Waseda University
Pat. No. 5725562 : Electrostimulation device
(Compact electrostimulation circuit that can detect EMG signals)
Technology transferred from Human Science Technology Transfer Center, a TLO certified by the Minister of Health, Labour and Welfare.

Electrical Stimulator WILMO Contents : WILMO unit x1, AC adapter x1, Wrist belt(long type) x1, Wrist belt (short type) x1, Electrode pad x1, GEL pad x20	WI - 1.0
GEL Pad for WILMO x20	WI - 03

* Specifications subject to change.
WILMO is a registered trademark of SK-Electronics CO., LTD., Kyoto Japan.



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