



EMS Physio Ltd



# Product Specification

PRIMO MULTIDYNE EMS970

JUN2022 v1



## Primo Multidyne 970

The Primo Multidyne 970 provides all low and medium frequency outputs from one unit. Stimulation therapy is used for rehabilitation purposes, preventing muscle atrophy caused by musculoskeletal injuries such as damage to bones, joints, muscles, ligaments and tendons

Operates in conjunction with EMS vacuum unit if required. (pictured below)

### Primo Multidyne 970

- Colour touch screen technology
- Russian, Diadynamic, TENS, Sinusoidal, Faradic, Galvanic, Interrupted galvanic, Trabert, Medi-wave and Microcurrent and S/D curve
- Three carrier frequencies 2kHz, 4kHz and 8kHz
- 0-100mA peak constant current or 0-70/140v peak constant current voltage depending on mode selected
- Stimulation outputs: two and four pole interferential
- The two independent stimulation channels allow selection of independent waveforms and treatment intensities
- Vector facility

### Treatment protocols

- Pain relief
- Stimulate local blood flow
- Osteoarthritis knee
- Chronic low back pain
- Acute low back pain
- Fibromyalgia
- Trigger points
- Post operative knee pain
- Stress & urge incontinence

## Technical Specification

**Power input** 18v, 3.33 A external PSU

**Internal fuse** T3.15A

**Battery** External Primo Power pack (optional)

**Maximum stimulation output:** 100mA peak constant current, 140V peak constant voltage

**Treatment programmes** 16 user-defined set-ups

**Treatment timer** 0 to 30 minutes (treatment linked)

**Language options** English, French, German, Spanish, Italian, Vietnamese

**Classification** (EN60601-1) Class 1, Type BF

**Size** (height x width x depth) 90 x 230 x 290 mm

**Weight** 1.3 kg



# Ordering information

## Primo Multidyne 970

Multifrequency therapy unit with 2/4 pole patient lead, four electrode connection cables (blue and yellow)

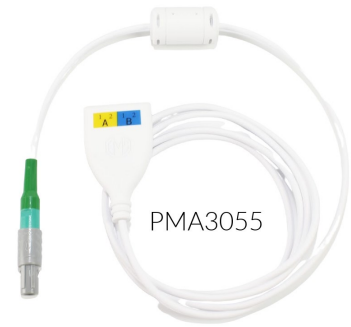
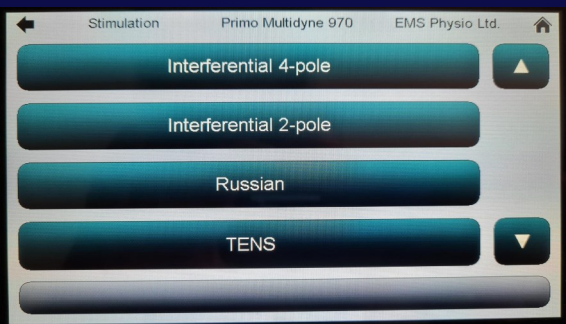
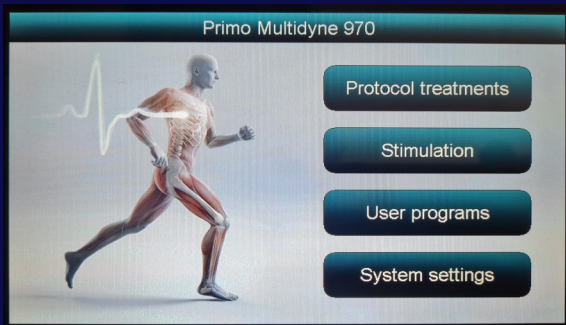
### EMS970

#### Electrode pack option 1

Two stretch bandages (1,200 x 75mm) four medium rubber electrodes (100 x 70 mm), and four medium sponge covers

#### Electrode pack option 2

20 packs of Primo self-adhesive



## Further technical information

Voltage and current waveforms may be used to provide Neuro Muscular Electrical Stimulation (NMES) and relief from musculoskeletal pain.

NMES may be used for muscle strengthening and rehabilitation in otherwise healthy subjects recovering from surgery, for muscle strengthening for critically or chronically ill patients or to (re)train weak or ineffective muscles. Pain relief may be appropriate post-surgery during rehabilitation, or for relief from chronic conditions such as osteoarthritis.

The various output waveforms available from this unit are suitable for either NMES and/or pain relief



## Accessory ordering information

Small sponge electrode covers (set of 4) **NC3052A**

Small rubber electrodes (70 x 50 mm - set of 4)  
**NC3052B**

Medium sponge electrode covers (set of 4) **NC3053A**

Medium rubber electrodes (80x60mm - set of 4)  
**NC3053B**

Large sponge electrode covers (set of 4) **NC3054A**

Large rubber electrodes (130 x 100 mm - set of 4)  
**NC3054B**

2/4-pole patient lead **PMA3055**

Blue electrode connection cables (1 pair) **NC3057**

Yellow electrode connection cables (1 pair) **NC3058**

Periform vaginal probe (single patient use - 34mm  
diameter) **RB5160**

Anuform anal probe (single patient use - 25mm  
diameter) **RB5164**

Stretch bandage - 600 x 75mm **DU1**

Stretch bandage - 1200 x 75mm **DU2**

Stretch bandage - 600 x 50mm **DU4**

Padded carrying case **EMS530**

Treatment trolley **EMS158**

Primo power pack **PMA1960**

PALS platinum self adhesive electrodes (25 mm  
diameter, pack of 4) **RB450**

PALS platinum self adhesive electrodes (33 x 54 mm,  
pack of 4) **RB410**

PALS platinum self adhesive electrodes (50 x 50 mm,  
pack of 4) **RB430**

PALS platinum self adhesive electrodes (80 x 100 mm,  
pack of 2) **RB440**

Primo Self-adhesive electrodes (50 x 50mm pack of 4)  
**RB435**

Booklet - EMS Guide to Interferential & Combination  
Therapy **EDC303**

## EMS Physio Ltd

Grove Business Park, Downsview Road,  
Wantage, Oxfordshire OX12 9FE

+44 (0) 1235 77 22 72  
sales@emsphysio.co.uk  
www.emsphysio.co.uk

EMS970

*EMS Physio Ltd - making it better since 1924*

EMS Physio Ltd designs, manufactures and supplies electrotherapy equipment from our purpose-built offices and factory in the UK.

Our products include shockwave therapy products, therapeutic ultrasound units, electrical stimulators and shortwave diathermy products.

We also supply a full range of physiotherapy equipment including treatment couches, exercise equipment, gait analysis, pulse compression therapy units, CPM machines and the general equipment you would expect to find in an established clinic.