

one-channel unit      two-channel unit  
**PM 810 & PM 820**

*Pulsed Microwave*

*Athermal Therapy with Pulsed Mode: In the pulsed mode, high-output microwave energy is delivered in repeated pulses, providing deep penetration into body tissue. This provides superior therapeutic effects, wider applications and reduces the possibility of burns. This mild thermal therapy is suitable for both acute and chronic conditions.*

## Features

### ■ New Type Applicator

A new applicator intermediate in size between the conventional Circular and Rectangular applicators, was designed specifically for clinical applications for dramatically improved convenience. Users no longer need to change the applicator, even when using applicators for different purposes or in different treatment areas.

### ■ Space-saving Design

The unit is 12cm narrower and 6cm shallower than products in the PM-800 series, with volumes reduced by as much as 65%.

The smaller dimensions give the unit a sleek look, even when installed in a small, cramped treatment room.

### ■ Peak Power of 1500W

By mean of pulsed output of 0–200W with a peak power of 1500W and mean output of 10–100W, the unit raises tissue temperatures—giving a mild sense of warmth even at the peak output—to promote blood circulation, with dramatic benefits for joints, muscles, neuroplexuses, etc.

### ■ New Alternate Oscillation Mode (PM-820 only)

Advantages of alternate oscillation mode:

- 1) Two patients can be treated simultaneously.
- 2) The treatment area and related nerves can be irradiated simultaneously, reducing treatment time and creating synergetic effects.
- 3) Radiation can be applied from two sides, with the treatment area placed in between.  
Depending on the condition being treated, this feature alone may make therapy more effective than treatment from a single side.



## Specifications

**Power Supply:** 110 or 220VAC 50/60Hz

**Power Consumption:** PM-810 700VA, PM-820 760VA

**Frequency:** 2450MHz ± 50MHz

**Output Power:** Max.200W with a fixed peak power of 1500W or 100W(mean)

**Timer:** 0–30 minutes

**Safety Class:** Class I, Type B

**Dimensions:** 330(W) × 395(D) × 790(H) mm

**Weight:** 28kg (PM-810), 36kg (PM-820)

## Ordering Data

### Standard Kit

**PM-810 complete with standard accessories, including:**

- 1 × 011565 Rectangular applicator with HF cable, 290mm in width
- 1 × 270060 Protective glasses
- 1 × 151196 Tool for tightening arm joint
- 1 × Power supply cord

**PM-820 complete with standard accessories, including:**

- 1 × 011565 Rectangular applicator with HF cable, 290mm in width
- 1 × 011567 Circular applicator with HF cable, 170mm in diam
- 2 × 270060 Protective glasses
- 1 × 151196 Tool for tightening arm joint
- 1 × Power supply cord



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Pulsed Microwave

# PM 810 & PM 820

- ◆ *New type applicator*
- ◆ *Peak power of 1500 W*
- ◆ *Space-saving design*
- ◆ *New alternate oscillation mode*



*PM-810 one-channel unit*



*PM-820 two-channel unit*