## O PUREWAVE



PureWave™ uses patented technology that emits electrical pulses at low, medium and high frequencies simultaneously to produce painless deep muscle stimulation that relieves pain, slims the body and tones muscles.



PureWave™ is an advanced EMS device that uses patented multi-frequency waves in low and medium frequencies, combined with high-frequency bursts.



## PREVENT MUSCLE & NERVE ACCOMMODATION

PureWave™ generates random waves in an extremely wide frequency bandwith at a constantly changing rhythm, preventing the nerves and muscles from adjusting and accommodating making it very effective for pain relief.



### SUBTLE, DEEP STIMULATION

PureWave™ stimulates deep muscles including muscles that cannot be reached with other pain-relief techniques. The high-frequency waves penetrate the skin with little resistance, providing toning, relaxation and pain relief.

## Benefits



#### **PAIN RELIEF**

By stimulating and contracting the muscles with the various unique frequencies, PureWave™ relieves muscle pain effectively. Recommended for shoulders, back and legs.



#### **SLIMMING & WEIGHT LOSS**

PureWave™ improves body shape, reduces body fat and aids in weight loss by burning fat cells, increasing uptake of sugar and increasing metabolism.



#### **MUSCLE TONING**

PureWave<sup>™</sup> enables muscles toning by creating stronger and lean muscle fibres.



# Slimming & Weight-Loss Study

A study conducted among healthy women to evaluate the effects of PureWave™ showed positive results in improving body shape, reducing fat mass and losing weight in a short period of time.

A group of 12 healthy women were chosen to participate in the study. Using a BMI of 25, per JASSO criteria, women were divided in two groups –normal and overweight.

For all the women, fat mass was measured using an MRI, along with diameter, body weight and blood

tests for cholesterol, triglycerides and glucose levels. The measurements were taken before and after the use of  $PureWave^{TM}$ .

For both groups, there was a significant improvement in reduction of fat mass, diameter (slimming) and weight (Tables 1 & 2). There was hardly any change in blood test data for cholesterol, triglycerides and glucose levels.

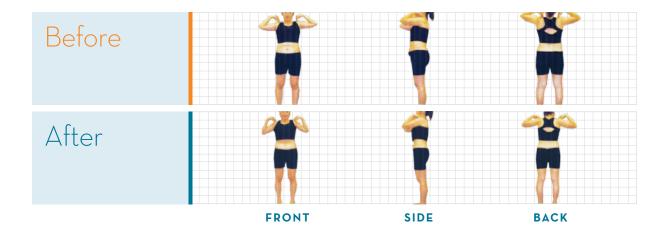


Table 1: MEASUREMENTS & DEGREE OF IMPROVEMENT

| CRITERION              | BEFORE<br>USE | AFTER<br>USE | %<br>IMPROVEMENT | SIGNIFICANCE<br>DIFFERENCE |
|------------------------|---------------|--------------|------------------|----------------------------|
| MRI (cm³)              |               |              |                  |                            |
| 10cm below the xiphoid | 149.8         | 132.2        | 17.6             | p<0.01                     |
| Navel                  | 217.7         | 202.8        | 15.0             | p<0.05                     |
| Lower abdomen          | 251.0         | 227.9        | 23.2             | p<0.01                     |
| Blood test (mg/dl)     |               |              |                  |                            |
| Cholesterol            | 197.7         | 200.4        | -2.8             | ns                         |
| Triglycerides          | 98.2          | 94.4         | 3.8              | ns                         |
| Blood glucose level    | 85.6          | 89.3         | -3.8             | ns                         |
| Diameter (cm)          |               |              |                  |                            |
| Upper arm              | 30.3          | 30.0         | 0.3              | ns                         |
| Waist                  | 79.6          | 77.7         | 1.9              | p<0.05                     |
| Navel                  | 88.8          | 86.3         | 2.5              | p<0.01                     |
| Lower abdomen          | 96.3          | 93.4         | 2.9              | p<0.01                     |
| Thigh                  | 57.3          | 55.9         | 1.4              | p<0.05                     |
| Weight (kg)            | 62.2          | 60.4         | 1.8              | p<0.01                     |
| Body fat (%)           | 34.3          | 32.8         | 1.5              | p<0.05                     |
| ВМІ                    | 25.6          | 24.9         | 0.7              | p<0.01                     |

Table 2: DEGREE OF IMPROVEMENT IN NORMAL GROUP AND OBESE GROUP

| CRITERION              | NORMAL<br>GROUP | OBESE<br>GROUP  |
|------------------------|-----------------|-----------------|
| MRI (cm <sup>3</sup> ) |                 |                 |
| 10cm below the xiphoid | $16.3 \pm 13.6$ | $19.3 \pm 13.8$ |
| Navel                  | $21.2 \pm 22.5$ | $6.3 \pm 14.4$  |
| Lower abdomen          | $21.5 \pm 10.5$ | $25.4 \pm 16.0$ |
| Diameter (cm)          |                 |                 |
| Upper arm              | $0.3 \pm 1.1$   | $0.3 \pm 0.6$   |
| Waist                  | $2.0 \pm 2.3$   | $1.7 \pm 1.7$   |
| Navel                  | $3.1 \pm 1.7$   | $1.6 \pm 3.3$   |
| Lower abdomen          | $3.4 \pm 1.3$   | $2.3 \pm 1.8$   |
| Thigh                  | $1.7 \pm 2.2$   | $1.0 \pm 1.5$   |
| Weight (kg)            | 1.7 ± 1.1       | 1.9 ± 2.2       |
| Body fat (%)           | 1.7 ± 2.0       | 1.3 ± 3.7       |
| ВМІ                    | 0.7 ± 0.5       | 0.8 ± 0.9       |





PROVEN & PATENTED TECHNOLOGY FOR PAIN RELIEF, SLIMMING & MUSCLE TONING

#### **SPECIFICATIONS**

| Rated Voltage and Frequency    | AC100V-240V 50/60Hz                          |
|--------------------------------|--|
| Channel Number (Output Number) | 2CH (4OUTPUT)                                |
| Maximum Output Current         | 1CH 2OUTPUT - APPROX. 70mA (under 500Ω load) |
| Output Wave                    | M-CUBE WAVE, 2.7kHz 4 BEATS                  |
| Timer                          | 10min., 20min., 30min., 40min.               |
| Safety Device                  | OVERCURRENT PROTECTION                       |
| Weight                         | APPROX. 1.2KG (main unit only)               |
| Main Unit Dimension            | W250mm x D177mm x H70mm                      |



#### Xtreem Pulse LLC

an integrative healthcare solutions company 353 West 29th Street, Suite 3 New York, NY 10001 U.S. +1 212 643 9062 info@xtreempulse.com