ITPC50002

FOCUSED SHOCKWAVE MACHINE

Precision Therapy. Proven Results. No Surgery Required.

4–66mm	7 Probes	10–15 min	Non-Invasive
Penetration Depth	Interchangeable	Per Session	Green Therapy

Contact your sales representative in Florida or California

Innovative Technology Products Corp



MEET THE ITPC50002



8" Touch Screen

Toughened glass capacitive display for intuitive control of all parameters

Focused Piezoelectric Tech

Clinical-grade shockwave generation — precise, powerful, and virtually silent

7 Silicone Probe Depths

4mm to 66mm penetration — targets any tissue layer with pinpoint accuracy

Mobile & Maneuverable

Rolling wheel base with handle for easy clinic floor positioning

1.8" Handpiece Display

Real-time settings control directly on the treatment handpiece

THE CHALLENGE

Millions of patients suffer from chronic musculoskeletal pain — with too few safe options:

Surgery Risks

Invasive procedures carry infection risk, long recovery, and high cost

Medication Dependency

Pain drugs offer only temporary relief with risk of addiction or side effects

Long Recovery Times

Traditional therapies require months of treatment with inconsistent results

Recurring Chronic Pain

Calcifications, tendon injuries, and fasciitis often resist conventional care



The ITPC50002 is the answer — safe, non-invasive, deep-tissue shockwave therapy.

HOW IT WORKS

Piezoelectric Focused Shockwave Technology

01

Energy Generation

Integrated piezoelectric source generates high-intensity focused shockwaves

02

Deep Penetration

Energy penetrates 4–66mm through skin to target specific tissue layers

03

Cavitation Effect

Micro-bubbles collapse, breaking down scar tissue, calcifications & adhesions

04

Healing Response

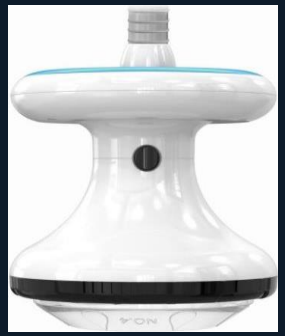
Stimulates new blood vessels, collagen production & cell regeneration

05

Pain Relief

Blocks pain signal conduction and raises the pain threshold immediately





Result: Accelerated tissue repair, reduced inflammation, lasting pain relief — without drugs or surgery.

4 PROVEN MECHANISMS OF ACTION

1 Cavitation Effect

Rapid bubble expansion and collapse in tissue produces micro-jets that rupture micro-capillaries, clear occluded vessels, and accelerate microcirculation — reducing soft tissue adhesion.

2 Piezoelectric Effect

Mechanical shockwaves increase internal bone stress, generating polarization potential. This accelerates healing, promotes collagen production, and stimulates osteoblast proliferation.

3 Metabolic Activation

Increased blood supply to diseased tissue delivers growth factors directly to the site. Stimulates stem cell transformation, reduces inflammation and edema, and accelerates recovery.

4 Analgesic Effect

High-intensity shockwaves reduce nerve sensitivity and inhibit pain signal transmission. Biochemical changes promote pain-suppressing substance release and raise the pain threshold.

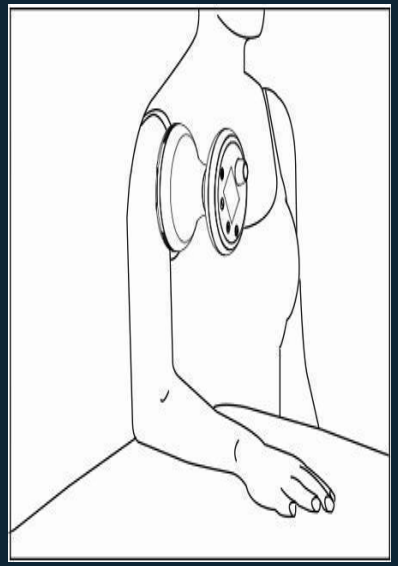
CLINICAL APPLICATIONS

Treats 14+ conditions across Orthopedics, Sports Medicine & Rehabilitation

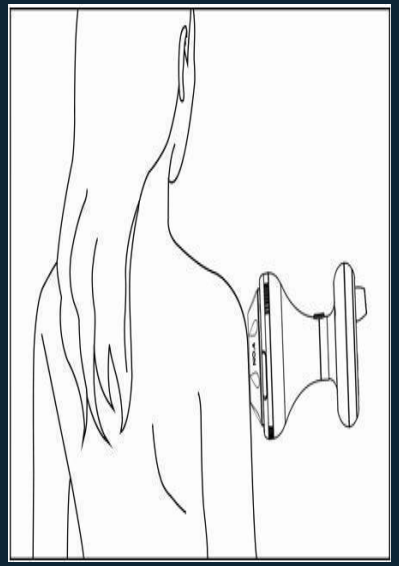
Orthopedics	Sports Medicine	Rehabilitation
Fracture rehabilitation	Tennis & Golfer's elbow	Chronic pain relief
Arthritis treatment	Patellar tendinitis	Plantar fasciitis
Ligament injuries	Hamstring strains	Carpal tunnel syndrome
Calcific tendinitis	IT band syndrome	Piriformis syndrome
Shoulder periarthritis	Achilles tendinitis	Nerve damage recovery



THE DEVICE IN ACTION



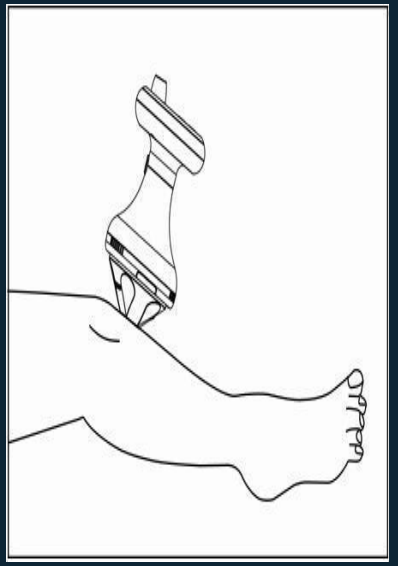
Shoulder / Calcific Tendinitis



Back / Shoulder Periarthritis



Elbow / Wrist Treatment



Leg / Achilles / Foot

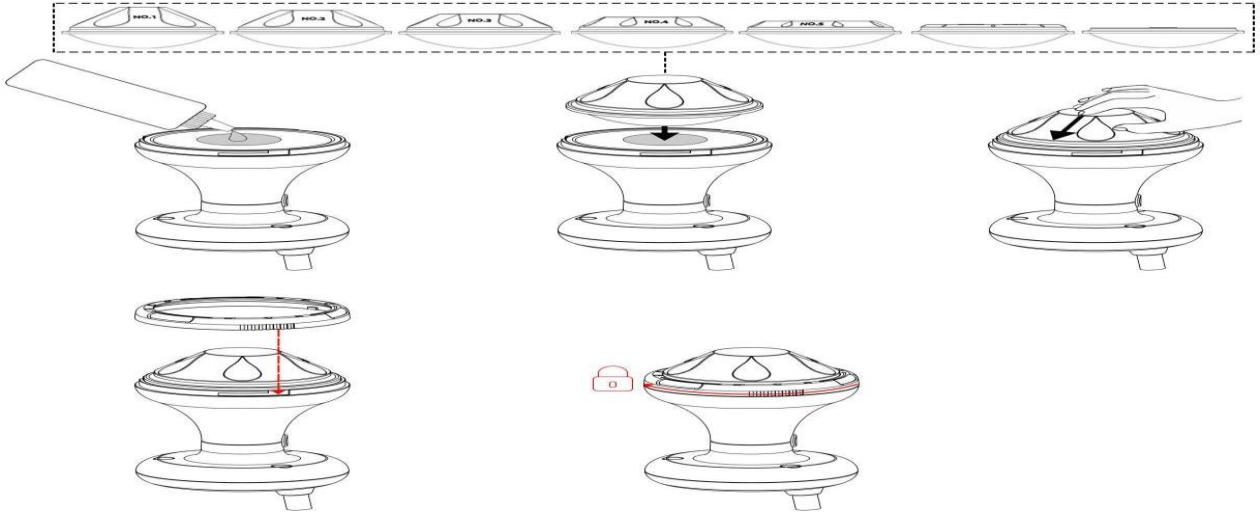
Sessions: 10–15 minutes · 1,500–2,000 impulses per area · 4–5 sessions recommended · 3–7 day intervals

THE HANDPIECE & 7-PROBE SYSTEM



ITPC50002 with all 7 probes

SILICONE PROBE INSTALLATION



PROBE DEPTH GUIDE						
No.1	**No.2**	**No.3**	**No.4**	**No.5**	**No.6**	**No.7**
4–10mm	10–15mm	15–25mm	25–35mm	35–45mm	45–55mm	55–65mm

INTUITIVE TOUCHSCREEN OPERATION

8" capacitive touch display · Built-in clinical reference guide for every treatment area





Body-Part Icons

Tap any body region to instantly load recommended treatment parameters

Impact Counter

Real-time shot counter tracks progress against your preset target

Adjustable Presets

+100 / +500 / +1000 increment buttons for fast session customization

Freq & Intensity

1–10 Hz frequency · 1–8 Bar intensity, tunable in single increments

Start / Pause

Instant start/pause control from both the screen and handle trigger

KEY FEATURES & ADVANTAGES

Smart 1.8" Handpiece Display

Real-time parameter control directly from the device — no external screen needed

7-Level Precision Depth

Interchangeable silicone pads from 4mm to 66mm for pinpoint accuracy

Ultra-Quiet Piezoelectric

Advanced anti-hemispherical technology delivers near-silent treatment

Non-Invasive — Zero Downtime

No surgery, no needles. Patients return to normal activity immediately

Green Therapy Certified

No drugs, no incisions, no radiation — aligned with modern medicine standards

Fast 10–15 Min Sessions

Rapid therapeutic effect with high patient comfort and satisfaction

TECHNICAL SPECIFICATIONS

Product Model	ITPC50002
Touch Screen	8" Toughened Glass Capacitive
Penetration Depth	4 – 66 mm (7 probe settings)
Pulse Frequency	1 – 10 Hz
Strength / Pressure	1 – 8 Bar
Operating Voltage	AC 100V–240V, 50–60 Hz
Power Range	10 – 500 W
Device Dimensions	17.3" H × 15.4" W × 16.0" D
Gross Weight	23 kg



Package Includes: Main Unit · Handle · 7 Silicone Pads · 2 Hangers · Power Cable

CLINICAL PROTOCOL & PARAMETER GUIDE

Treatment Area	Probe	Shots	Freq	Intensity
Shoulder (Calcific / Periarthritis)	4–6	1500–2000	4–5 Hz	3–7 Bar
Elbow (Tennis / Golfer's)	2–3	1500–2000	4–5 Hz	2–5 Bar
Wrist (Carpal Tunnel / Tendinitis)	1–2	1500–2000	4 Hz	2–5 Bar
Thigh (IT Band / Hamstring)	5–7	1500–2000	4 Hz	2–5 Bar
Knee (Patellar / Tendinitis)	2–3	1500–2000	4 Hz	2–5 Bar
Foot (Achilles Tendinitis)	2–3	1500–2000	3 Hz	2–6 Bar
Heel Spur / Plantar Fasciitis	2–4	1500–2000	4–5 Hz	3–7 Bar
Calf (Gastrocnemius / Tibial)	1–5	1500–2000	4 Hz	2–5 Bar

TREATMENT STEPS

1. Identify & mark area
2. Position patient
3. Select silicone probe
4. Apply coupling gel
5. Activate device
6. Locate trigger points
7. Monitor & adjust
8. Clean & store post-session

WHY CHOOSE THE ITPC50002?

	ITPC50002 FOCUSED SHOCKWAVE	TRADITIONAL ALTERNATIVES
Invasiveness	✓ Fully Non-Invasive	✗ Surgery / Injections
Recovery Time	✓ None — Immediate Return	✗ Days to Months
Session Length	✓ 10–15 Minutes	✗ Hours (surgery/PT)
Side Effects	✓ Minimal Surface Discomfort	✗ Infection, Drug Dependency
Noise Level	✓ Ultra-Quiet Piezoelectric	✗ Loud Pneumatic Devices
Depth Control	✓ 7-Level Precision (4–66mm)	✗ Fixed or Limited
Drug-Free	✓ Yes — Green Therapy	✗ Often Medication-Based

WARRANTY & NEXT STEPS

Main Unit

1-Year

Limited Warranty

Accessories

3-Month

Limited Warranty

Package Contents

- Main Unit (Host) × 1
- Working Handle × 1
- Silicone Pads × 7
- Hangers × 2
- Power Cable × 1



READY TO TRANSFORM YOUR PRACTICE?

Clinical-grade shockwave therapy with unmatched depth control, quiet operation, and zero patient downtime.

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