

**RAV IV Laser Therapy**

**INFINIUM®**



***Laser Focused Healing at the Speed of Light***  
**CLINICAL STRENGTH THERAPY SYSTEM**

# LASER THERAPY

## Infinium RAV IV Laser Deep Penetrating Therapy

The Infinium RAV IV is a clinical strength Class 4 laser therapy system that induces cellular level reactions to promote the healing and recover of soft tissue. The RAV IV emits powerful coherent laser in specific wavelengths. This deeply penetrates beyond the skin to underlying tissues, including muscles, tendons, and ligaments. The RAV IV reduces inflammation by influencing the release of pro-inflammatory cytokines and promoting vasodilation (expansion of blood vessels), which enhances blood flow and reduces swelling. The RAV IV also stimulates the production of mitochondrial activity, increasing ATP (adenosine triphosphate) production. ATP is crucial for cellular repair and regeneration processes.

- » 810nm / 980 nm Wavelengths
- » Up to 15 Watts Energy Output
- » Continuous Wave or Pulsed Modes
- » Easy to Operate Touch Screen
- » Preprogramed Therapy Protocols

DESIGNED FOR  
THERAPY



- » Multiple Hand-Pieces
- » Painless Non-Invasive Treatment
- » Low Cost of Ownership

CLINICAL GRADE

**CLASS 4**

PROMOTES

**HEALING &  
PAIN RELIEF**



# Infinium RAV IV Therapy Applications

## Head and Neck

- Cervical Disc Herniation
- Cervical Radiculopathy
- Cervical Soft Tissue Strain
- Cervical Spondylosis
- Cervical Stenosis
- Headaches, Cervicogenic
- Headaches, Migraine
- Headaches, Tension Sinusitis
- TMJ Syndrome
- Trigeminal Neuralgia

## Back & Shoulder

- Back - Lower, Upper, Lumbar
- Back - Disc Pathologies
- Lumbar - Facet Joints
- Lumbar - Spondylosis & Stenosis
- Lumbar - Radiculopathy
- Sacroiliac Joint
- Tailbone
- Sciatica
- Rotator Cuff
- Shoulder - Frozen, Strain, Sprain

## Upper Extremities

- Biceps, Tendonitis
- Carpal Tunnel Syndrome
- Epicondylitis - Lateral, Medial
- Fractures
- Joint, Wrist
- Olecranon Bursitis
- Triceps, Tendonitis
- Ulnar Nerve Pathologies
- Joints, Fingers
- Soft Tissue Injury

## Hip & Legs

- Abductor - Ilio-Psoas / Band
- Bone Leg - Fracture
- Hamstrings
- Hip - Joint, DJD, RA, Periarticular
- Knee - Sprain, Bursitis, DJD, RA
- Ligament - Cruciate Ant/Pos
- Ligament - Meniscus Injury/Sprain
- Tendonitis - Infra-patellar
- Tendonitis - Pat

## Foot & Ankle

- Ankle Sprain - I - III
- Bone - Fracture, Stress
- Hallux Valgus
- Heel Pain
- Plantar Fasciitis, Strain
- Shin Splints
- Metatarsalgia
- Morton's Neuroma
- Turf Toe
- Peripheral - Burning, Numb
- Tendonitis - Achilles, Tibial
- Tarsal Tunnel Syndrome

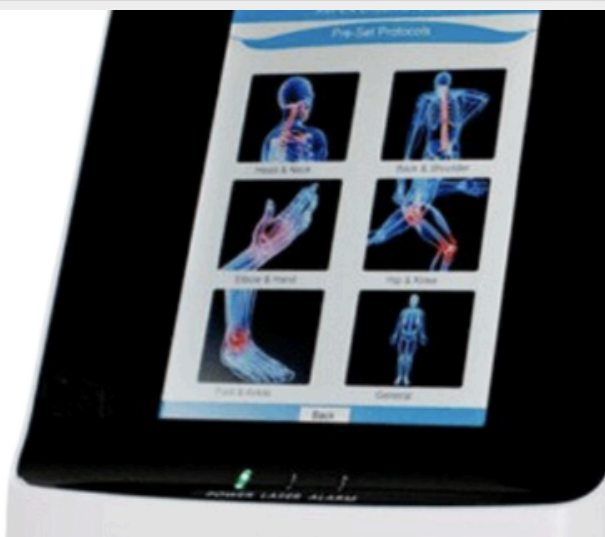
## General

- Arthritis, Neck
- Arthritis, Shoulder
- Arthritis, Back
- Arthritis, Hip
- Arthritis, Knee
- Arthritis, Ankle
- Arthritis, Wrist
- Arthritis, Fingers
- Arthritis, Elbow
- Fibromyalgia · Wound Pain

## INCLUDED HANDPIECES



## THERAPY READY PROTOCOLS



# RAV IV Laser Therapy Machine

## Flexible Lens Options

Unique lenses allow the laser to be adapted for various treatments. Each lens focuses or disperses the laser light for specific conditions or areas of the body to optimize treatment.

The included kit provides contact and non-contact lenses from 5 mm to 30 mm. These lens options adjust the depth of penetration and the intensity of the laser light, which can enhance patient safety, maximize therapy results, and minimize potential side effects.



**INCLUDED**  
Hand Pieces

## Technical Specifications

<b>Wavelength</b>	810nm,980nm
<b>Maximum Power</b>	15W
<b>Operation Mode</b>	Continuous Wave, Single Or Repeat Pulse
<b>Pulse Duration</b>	10µs-3s
<b>Repetition Rate</b>	0.2Hz-20KHz
<b>Control Method</b>	8 Inch Touch Screen
<b>Lifetime</b>	10,000 Hours
<b>Warranty</b>	1 year / service to 5yrs
<b>Current Rating</b>	110/220VAC, 5A, 50/60 Hz
<b>Weight</b>	4KG / 8.8lbs
<b>Dimensions</b>	31(H)*22(W)*26(L) cm 12.2(H)*8.67(W)*10.2(L) in



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