

 Richmar®

TheraTouch®

DX2

Shortwave Diathermy



 Richmar®
a COMPASSHEALTH company

THE DX2 DIFFERENCE

AN INNOVATION IN SAFETY AND EFFICIENCY, TODAY'S DIATHERMY



SCIENTIFIC DOSAGE CONTROL

With the TheraTouch DX2's tighter titration, two additional dosimetry options are now available.

Traditional diathermy units provide a dosimetric scale categorized by four doses:

DOSE I - Subthermal

DOSE II - Mild Heat

DOSE III - Low Heat

DOSE IV - Vigorous Heat

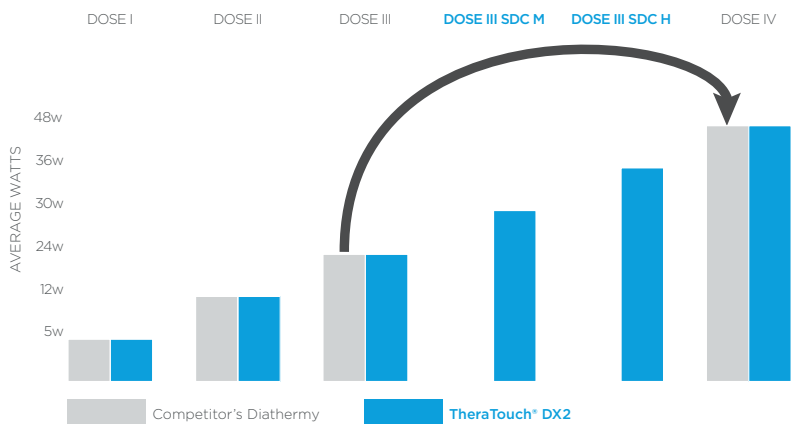
The unique parameters afforded by Richmar's exclusive Scientific Dosage Control (SDC), allows for an increased thermal effect with decreased risk.

The heating effect from Dose IV can be uncomfortable due to decreased muscle mass and/or the thinness of the skin, such as with geriatric patients. To better meet the needs of these patients, SDC provides two additional increments of heating to Dose III:

DOSE III SDC M - Moderate Heat

DOSE III SDC H - High Heat

QUALITATIVE DOSIMETRY SCALE



Traditional devices jump from a dose of 24W of energy to 48W. TheraTouch DX2 delivers incremental dosage increases at both 30W and 36W.

Diathermy is not indicated for the following: over neoplastic lesions • over the abdominal and pelvic area of pregnant women • over the hemorrhagic region • over metallic implants • over electronic implants • over testes • over moist wound dressings • over ischemic area • over the ocular region • over cancerous tumors • over growth plates • impaired heat skin sensation • fever or infection • protruded nucleus pulposus

HIGH EFFICIENCY AUTO-TUNING (H.E.A.T.)

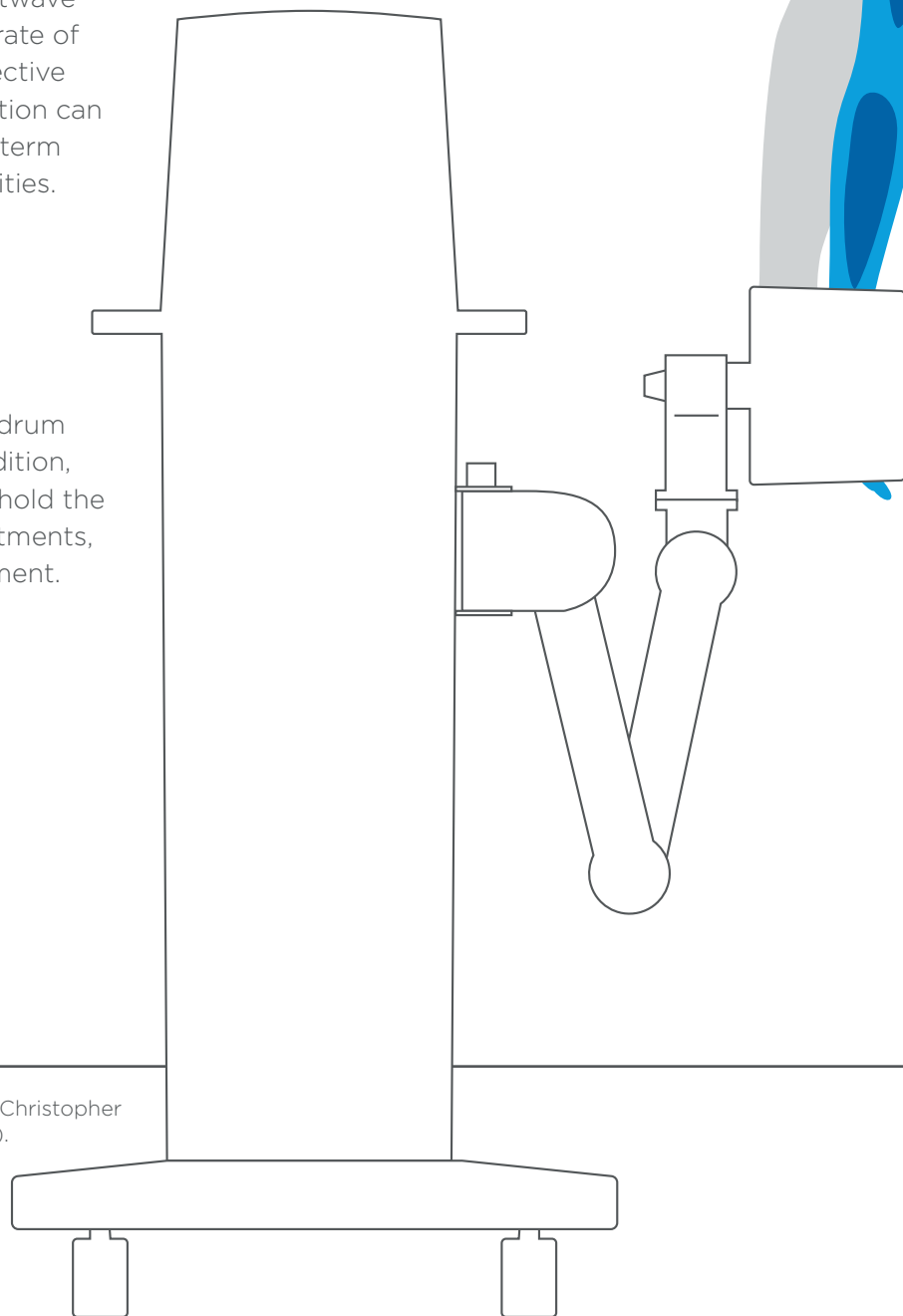
The resonant auto-tuning technology found in the TheraTouch DX2 continually adjusts to provide consistent coupling, based on calculations of the patient's impedance, size, and body density. This ensures maximum energy transmission, without resorting to a higher dosage, resulting in faster heating and shorter treatment times.

MICROCIRCULATION INDICATION

The Microcirculation Indication is an exclusive parameter located within the TheraTouch DX2. Studies indicate that subthermal pulsed shortwave diathermy can enhance the rate of tissue healing and be an effective adjunct therapy.* This indication can be especially helpful in long term care and skilled nursing facilities.

FLEXIBLE, RELIABLE MECHANICAL ARM

Five articulation points on the arm allow for easy positioning of the inductive drum to various body areas. In addition, the numerous friction joints hold the drum in position during treatments, preventing unwanted movement.



*Joseph A. Gallo, DSc, ATC, PT and Christopher M Proulx, DC, MS, ATC, CSCS (2017). A Diathermy Comback? A Resurgence of this Modality Could be Beneficial to many Patients. Advance for Physical Therapy and Rehab Medicine.



PRODUCT HIGHLIGHTS

- Anatomical Treatment Guide for easy monode placement
- Save up to 99 user-defined favorites
- 9 evidence-based Quick Links by Indication
- Qualitative Thermal Dosimetry with six settings included
- Easy to use, touch-screen interface
- USB port for easy software upgrades
- Dual treatment indicators on unit and inductive drum
- 3 year warranty

ORDERING DETAILS

DQSWD2

DQSWD2-D
DQSWD2-DC
DQSWD2-MA

TheraTouch DX2

Coil Monode Drum (14cm)
Coaxial Cable for Coil Monode Drum
Mechanical Arm

TECHNICAL SPECIFICATIONS

Continuous Mode Output	100W Average Power at 50Ω
Pulsed Mode Output	200W Peak Power at 50Ω
Power	100-240 V ~; 50/60 Hz
Output Frequency	27.12 MHz ± 0.6%
Power Increment Settings	.5 W
Pulse Width	20 - 400 μsec in 20 μsec increments
Pulse Frequencies	10 - 800 Hz in 10 Hz increments
Treatment Duration	1 - 30 min in 1 min increments
Electrical Class	CLASS I
Electrical Type	TYPE BF
Regulatory Risk Class	IIb according to MDD 93/42/EEC