chattanooga™

Vectra® Genisys
Electrotherapy Products
2012 Catalog

DJO™ GLOBAL

Vectra® Genisys

Do you prefer in-depth customization or simple preset controls? Now you can have both.

If you're a therapist with a knack for technology, you're going to love the Vectra Genisys. Feature-rich software and advanced engineering give you direct control over multiple parameters so you can program treatments to meet even the most complex challenges. And the on-board Graphical Library can help you educate your patients.

If you're a therapist who likes to simplify treatment setup, our user-friendly interfaces and intuitive on-board software provide you with the ultimate in ease of use. In fact, most therapies can be started in just a few steps.

Modularity for ultimate treatment versatility

With six seamlessly integrated modalities under one roof, (ultrasound, electrotherapy, ultrasound/electrotherapy combination, laser, sEMG, and sEMG + stim) your choice of therapy is now available from a single system. Don't need all of these treatment options right away? No problem. The Vectra Genisys' sleek modular design lets you simply add them on later.

Modularity doesn't stop with the unit. All ultrasound and laser applicators are interchangeable and feature Electronic Signature™ for automatic recognition by the unit. Simply plug them in and go. Additionally, ultrasound applicators have a head warming feature for patient comfort and are waterproof for underwater treatments.

Electrotherapy Features

Clinical Protocols and Indications for
Acute pain

Chronic pain

Increased localized circulation

Preventing or retarding disuse muscle atrophy

Muscle re-education

Joint range of motion

Stroke muscle re-education

User-defined protocols

Resource library

Patient documentation

Two or four channels with or without sEMG

Ultrasound Features

Clinical Protocols and Indications for

Relief of pain and joint contractures

Relief of pain and joint contractures that may be associated with:

- *Adhesive capsulitis*

- *Bursitis with slight calcification*

- *Myositis*

- *Soft tissue injuries*

- *Shortened tendons due to past injuries and scar tissues*

Relief of sub-chronic and chronic pain and joint contractures resulting from:

- *Capsular tightness*

- *Capsular scarring*

Four convenient sizes of sound heads with head warming feature

Electronic Signature™ on all sound head applicators for easy interchangeability

Laser Features

Clinical Indications for

Temporary increase in local blood circulation

Temporary relief of minor muscle and joint aches, pains and stiffness

Relaxation of muscles

Temporary relief of muscle spasms

Temporary relief of minor pain and stiffness associated with arthritis

Eight interchangeable laser applicators in a wide range of strengths and sizes to meet any treatment need

Electronic Signature™ on all applicators

Provides laser, SLD and LED therapy

Intuitive Navigation

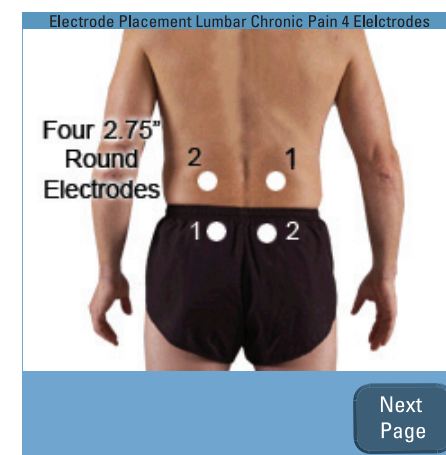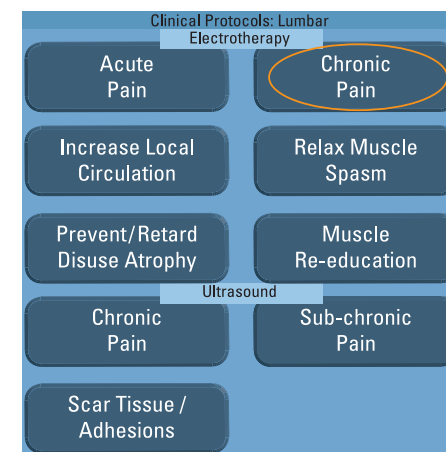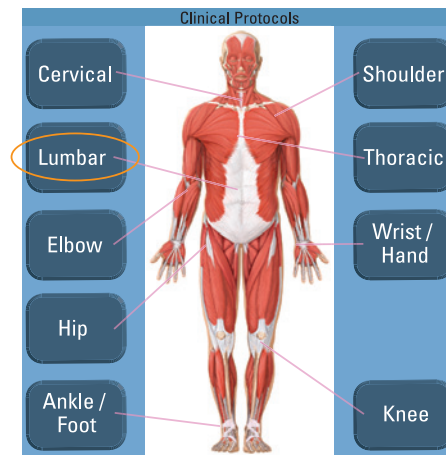### Step-by-step protocols to simplify your treatments

While most electrotherapy and ultrasound devices focus on delivering effective, safe treatment to the patient, Vectra Genisys goes a step further; — actually it's more like a leap — we designed it for **you**.

With our on-screen onboard help in patient education, electrode placement, treatment protocols and anatomical libraries, you can quickly and easily choose the proper treatment or patient information through step-by-step graphical presentations.

Want more options to broaden your treatments? Our onboard protocols provide you with a list of FDA-cleared indications for treatment, and its Patient Data Cards ensure that your patients receive consistent treatment each visit, regardless who administers it.

sEMG to help facilitate muscle re-education and recruitment

By reading the electrical signals muscles produce when used, surface electromyography (sEMG) provides direct, measureable feedback. This optional feature allows you to make treatment decisions by ensuring the proper muscle is being recruited, if it is being worked to the optimum level and to determine results based on quantifiable data. sEMG is an excellent tool in evaluating functionality of skeletal muscles and in helping with neuromuscular training and rehabilitation.

Clinical Protocols

Cervical · Shoulder · Lumbar · Thoracic · Elbow · Wrist / Hand · Hip · Ankle / Foot · Knee

Clinical Protocols: Lumbar

Electrotherapy

Acute Pain · Chronic Pain · Increase Local Circulation · Relax Muscle Spasm · Prevent/Retard Disuse Atrophy · Muscle Re-education

Ultrasound

Chronic Pain · Sub-chronic Pain · Scar Tissue / Adhesions

Electrode Placement Lumbar Chronic Pain 4 Elelctrodes
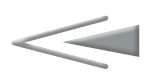
Four 2.75" Round Electrodes

Next Page

Clinical Resources

In Clinical Protocols, select the body part you would like to treat. A list of indications by modality will appear.

For every indication there is a waveform description and electrode/ultrasound placement diagram.

Indications include: acute pain, chronic pain, increase local circulation, preventing/retarding disuse muscle atrophy, muscle re-education, joint range of motion and stroke re-education.

Apply electrodes (or applicator placement for ultrasound) and begin treatment. Vectra Genisys will deliver the treatment you designated and alert you when treatment is complete.
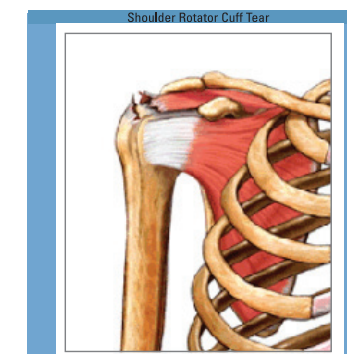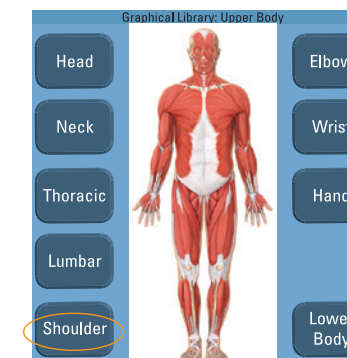
Need to review? You can always go back to your previous screen with the back button.
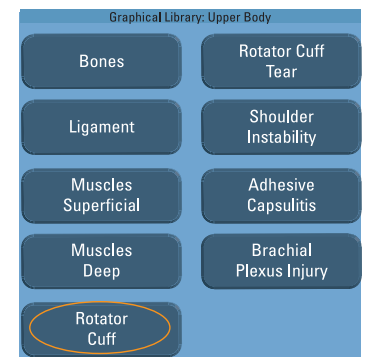
The Home Screen

Your options are clearly marked so you can get right down to business.

Graphical Library

Graphical Library: Upper Body

Head · Elbow · Neck · Wrist · Thoracic · Hand · Lumbar · Shoulder · Lower Body

The Vectra Genisys Graphical Library contains full color anatomical and pathological Libraries.

Graphical Library: Upper Body

Bones · Rotator Cuff Tear · Ligament · Shoulder Instability · Muscles Superficial · Adhesive Capsulitis · Muscles Deep · Brachial Plexus Injury · Rotator Cuff

Shoulder Rotator Cuff Tear

Use the library to help educate your patients prior to treatment.

Vectra® Genisys Therapy Systems

Electrotherapy Systems with EMG

2764	2 Channel System
2792	2 Channel System with Cart
2787	4 Channel System
2798	4 Channel System with Cart

Electrotherapy Systems without EMG

| 2871 | 2 Channel System |
| 2873 | 4 Channel System |

Combination Systems with EMG

2761	2 Channel Combination System
2792	2 Channel Combination System with Cart
2789	4 Channel Combination System
2796	4 Channel Combination System with Cart

Combination Systems without EMG

2872	2 Channel Combination System
2876	2 Channel Combination System with Cart
2874	4 Channel Combination System
2878	4 Channel Combination System with Cart

System Accessories

27508	Operator Remote - Channels 1 & 2
27079	Operator Remote - Channels 3 & 4
2775ASY	Vectra Genisys System Cart
27133	Vectra Genisys Carry Bag
79977	High Volt Probe Kit
27465	Patient Data Cards (25 pack)
27167	sEMG Data Card

Technical Specifications

Vectra® Genisys Therapy System

Mains Power :	100-240 VAC, 50/60 Hz
Product Weight :	24 lb (10.9 kg)
Product Length :	16.25 in (41.3 cm)
Product Width :	17 in (43.2 cm)
Product Height :	42.50 in (108 cm)
Shipping Weight :	33 lb (15.0 kg)
Safety Tests :	UL/IEC/EN 60601-1; IEC/EN 60601-1-2; IEC 60601-2-5 IEC 60601-2-10, CAN/CSA C22.2 No. 601.1-M90 w/A2
Electrical Class :	Class 1
Electrotherapy and sEMG Type:	BF
Ultrasound Type:	B

Vectra® Genisys Ultrasound

Mains Power :	100-240 VAC, 50/60 Hz
Product Weight :	5 lb (2.3 kg)
Product Length :	12.9 in (32.8 cm)
Product Width :	11.3 in (28.8 cm)
Product Height :	6.4 in (16.3 cm)
Shipping Weight :	16 lb (7.3 kg)
Safety Tests :	UL/IEC/EN 60601-1, IEC/EN 60601-1-2, IEC 60601-2-5, CAN/CSA C22.2 No. 601.1-M90 w/ A2
Electrical Class :	Class 1, Type B

Vectra® Genisys Laser

Mains Power :	120-240 VAC, 50/60 Hz
Product Weight :	5 lb (2.3 kg)
Product Length :	12.9 in (32.8 cm)
Product Width :	11.3 in (28.8 cm)
Product Height :	6.4 in (16.3 cm)
Safety Tests :	21CFR 1040.10 & 1040.11, IEC/UL/EN 60601-1, IEC/EN 60601-1-2, IEC/EN 60601-2-22, IEC 60825-1:2001
Electrical Class :	Class 1, Type B
Laser Class :	3B

Vectra® Genisys Modules

| 2758 | Laser Module |
| 2767 | Battery Module |
| 2781 | Module for Channels 3 & 4 |

Ultrasound Applicators

27333	1 cm² Sound Head Applicator
27334	2 cm² Sound Head Applicator
27335	5 cm² Sound Head Applicator
27336	10 cm² Sound Head Applicator

Leadwires

27321	sEMG Leadwire Channel 1 (pair)
27322	sEMG Leadwire Channel 2 (pair)
27312	Electrotherapy Leadwire Channel 1
27313	Electrotherapy Leadwire Channel 2
27314	Electrotherapy Leadwire Channel 3
27315	Electrotherapy Leadwire Channel 4
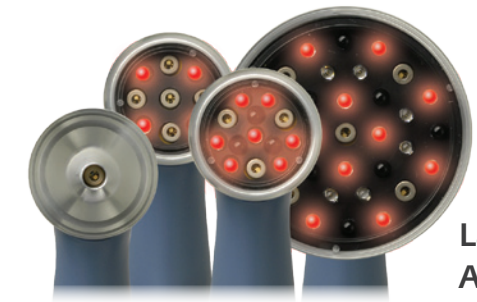
Laser Applicators

Single Laser Diode

- Ideal for treatment areas from 1 cm² to 4 cm²

27840	850 nm Single Diode Laser 100mW
27841	850 nm Single Diode Laser 200mW
27805	820 nm Single Diode Laser 300mW

9 Diode Cluster

- Ideal for treatment areas from 5 cm² to 10 cm²
- Four LEDs and five Laser Diodes

| 27811 | 9 Diode Cluster 540mW 5 x 850 nm 100mW Laser 4 x 670 nm 10mW LED |
| 27812 | 9 Diode Cluster 1040mW 5 x 850 nm 200mW Laser 4 x 670 nm 10mW LED |

13 Diode Cluster

- Ideal for treatment areas from 5 cm² to 10 cm²
- Seven LEDs, three SLDs and three Laser Diodes

| 27814 | 13 Diode Cluster 415mW 3 x 850 nm 100mW Laser 3 x 950 nm 15mW SLD 7 x 670 nm 10mW LED |
| 27816 | 13 Diode Cluster 715mW 3 x 850 nm 200mW Laser 3 x 950 nm 15mW SLD 7 x 670 nm 10mW LED |

33 Diode Cluster

- Ideal for larger treatment areas up to 20 cm²
- Twelve LEDs, sixteen SLDs and five Laser Diodes

| 27808 | 33 Diode Cluster 1440 mW 5 x 850 nm 200mW Laser 8 x 880 nm 25mW SLD 8 x 950 nm 15mW SLD 12 x 670 nm 10mW LED |

Vectra® Genisys Transport Therapy

The Vectra Genisys Laser brings you the most up-to-date treatment methods with a large, easy-to-read graphical display, a selection of useful clinical indications, a logical control system that simplifies treatment choices, and four different size applicators.
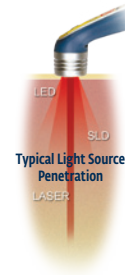
With a myriad of treatment options like pulsed and continuous operation; independent control over all parameters; real-time dosage feedback and fully variable range of range of intensity, pulse rate and dosage, you can control and tailor your laser treatment.
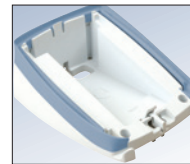
Typical Light Source Penetration

Vectra® Genisys Transport Laser

2784	Transport

Portable Accessories
27467	Carry Bag
27478	Battery Pack

Clinic Accessories
2883	Cart Adapter (Blue)
2775ASY	Therapy Cart

Ultrasound Accessories

Conductor™ Transmission Gel
4238	1.3 Gallon (5 Liter) Container includes one 8.5 oz. refill container
4248	8.5 oz. (250 ml) Bottle (24/case)

Intelect® Ultrasound Gel
4266	1.3 Gallon (5 Liter) Container includes one 8.5 oz. refill

Myossage Lotion®
4210	1 Gallon (3.8 liter) Bottle
4208	8.5 oz. (250 ml) Bottle (12/case)
4212	Plastic Measuring Pump

Ultra-Myossage® Lotion
4262	1 Gallon (3.8 liter) Bottle
4260	8.5 oz. (250 ml) Bottle

TM-1 Electric Lotion Warmer
4012	TM-1 Electric Lotion Warmer (110V only)

Electrotherapy Accessories

DURA-STICK® Premium Self-Adhesive Electrodes
(10 packs of 4 each, 40/case)

- Pure conductive silver layer
- Choice wire and molded connectors
- Provides optimal current dispersion with low impedance

42170	Dura-Stick Premium 1.25" Round Stainless Steel Mesh and Blue Gel
42171	Dura-Stick Premium 2" Round Stainless Steel Mesh and Blue Gel
42172	Dura-Stick Premium 1.5" x 2.5" Oval Stainless Steel Mesh and Blue Gel
42173	Dura-Stick Premium 3" x 5" Oval Stainless Steel Mesh and Blue Gel (20/case) (10 packs of 2)
42174	Dura-Stick Premium 2" Square Stainless Steel Mesh
42175	Dura-Stick Premium 2" x 3.5" Rectangle Stainless Steel Mesh and Blue Gel
42176	Dura-Stick Premium 2" Square Stainless Steel Mesh and Blue Gel
42177	Dura-Stick Premium 1.5" x 3.5" Rectangle Stainless Steel Mesh and Blue Gel

Dura-Stick Accessories *(not shown)*
(10/case)
42046	High Volt Accessory Kits 5" x 8" Rectangle Dispersive Electrode
42068	High Volt Accessory Kits 5" x 8" Rectangle Dispersive and Two 2" (5 cm) Round Self-Adhesive Electrodes
42070	High Volt Accessory Kits 5" x 8" (13 cm x 20 cm) Self-Adhesive Dispersive and Two 12" (30 cm) Alligator Clip Lead Wire Connectors

DURA-STICK II Self-Adhesive Electrodes (10 packs of 4 each, 40/case)

Our most popular electrode.

- Unique silver printed conductive layer
- Flexible and sturdy design for durability and ease of use

42045	Dura-Stick II 2.75" x 5" Rectangle (7 cm x 13 cm)

DURA-STICK® Plus Self-Adhesive Electrodes (10 packs of 4 each, 40/case)

Our most economical electrode.

- Carbon conductive film incorporated into a flexible spun lace backing
- Permagel™ Hydrogel for superior conformability to body contours

42159	Dura-Stick 1.5" x 2.5" Oval Blue Foam Backing
42181	Dura-Stick 2" x 3.5" Rectangle Blue Foam Backing
42182	Dura-Stick 2" Round Blue Foam Backing
42183	Dura-Stick 2" Square Blue Foam Backing
42160	Dura-Stick 2" x 4" Oval Blue Foam Backing
42185	Dura-Stick sEMG Round White (100 pk/individual)

Conductive Rubber Electrodes
(not shown)
72852	Black Rubber Carbon 3" (8 cm) Round (2x)
72853	Red Rubber Carbon 3" (8 cm) Round (2x)

DURA-STICK Self-Adhesive Electrodes (10 packs of 4 each, 40/case)

- Carbon silver film layer incorporated into a low profile design
- White foam backing for increased "stretchability" and memory
- Innovative polymer for improved adhesion and durability

42160	Dura-Stick 2" x 4" Oval White Cloth Backing with Carbon Film Conductive Material
42178	Dura-Stick 2" Square White Cloth Backing with Carbon Film Conductive Material
42179	Dura-Stick 2" x 3.5" Rectangle White Cloth Backing with Carbon Film Conductive Material
42180	Dura-Stick 2.25" x 2.5" Disposable White Cloth Backing with Carbon Film Conductive Material

Nylatex® Wraps
- Ideal for holding cold packs in place
- Several sizes available
- Reusable

Nylatex Assortment
(1 pack of 9 rolls)
1200	Nylatex Assortment One of each size shown above (Items 1213, 1219 and 1264, not shown)

Nylatex Individual
(3 rolls per package)
1202	2.5" x 18" (6 cm x 46 cm)
1264	2.5" x 24" (6 cm x 61 cm)
1204	2.5" x 36" (6 cm x 91 cm)
1206	2.5" x 48" (6 cm x 122 cm)
1208	4" x 18" (10 cm x 46 cm)
1210	4" x 36" (10 cm x 91 cm)
1212	4" x 48" (10 cm x 122 cm)
1213	4" x 60" (10 cm x 152 cm) (not shown)
1214	6" x 18" (15 cm x 46 cm)
1216	6" x 36" (15 cm x 91 cm)
1218	6" x 48" (15 cm x 122 cm)
1219	6" x 60" (15 cm x 152 cm)

Returns and Repairs Policy *(effective April 1, 2011)*

All products or items returned to any DJO Global location must have a Returns Authorization (RA) number so that we can identify and correctly credit/resolve your returned item(s).

Important Note: Any products returned without the RA number marked clearly on the outside of the shipping container/box will be refused and returned to the sender.

For the safety of our employees and work locations, we cannot accept any unmarked packages. As an international importer and exporter we must maintain strict compliance with the Customs Trade Partnership Against Terrorism (CTPAT).

It is required that when you need to return a product, you must first call your customer service representative and obtain the necessary RA number. Using a dark permanent marker, please write the RA number in large letters/numbers clearly on the outside of the box.

RA Procedure:

1. Contact your customer service representative at 866.512.2764 to obtain RA reference number.

2. Clearly write the RA number (using dark permanent marker) in several locations on the box for easy reference.

3. Ship product to correct DJO Global location as instructed by customer service representative.

Thank you for your business.

chattanooga™

DJO GLOBAL™

Together in Motion™