

Instrumentation-Drills





Locator Drill

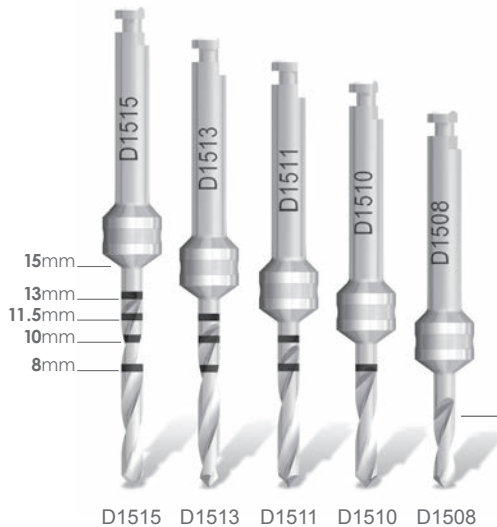
The Locator Drill's sharp penetrating tip ensures safe drill positioning and secure drill centering at the osteotomy site. Used as an optional first step in the drilling sequence and in combination with the Pilot Twist Drills, a defined direction is established throughout the drilling process.

REFERENCE NO. PRODUCT DESCRIPTION

LD.....Locator Drill

STOP PILOT DRILLS

In cases with poor lighting, lack of fiber optic lighting or inadequate magnification, visualizing the laser marks on pilot drills may be difficult. To aid in overcoming these visibility factors and increase accuracy, Intra-Lock has designed a set of five Ø1.5mm and five Ø2.0 mm Stop Pilot Twist Drills in individual lengths of 8, 10, 11.5, 13 and 15mm. Stop Pilot Twist Drills have a built-in depth limiter! When larger Trispade Drills are introduced, the operator can confirm the accurate depth with tactile sensation and have full assurance of a precise final osteotomy length. These drills perform optimally at approximately 1,500 rpm and have a helicoidal design that enables them to cut very efficiently, beginning at the tip and continuing along their length.



Stop Pilot Twist Drills - Ø1.5mm

REFERENCE NO. PRODUCT DESCRIPTION

D1508Pilot Twist Drill, Ø1.5 x 8mm
D1510Pilot Twist Drill, Ø1.5 x 10mm
D1511Pilot Twist Drill, Ø1.5 x 11.5mm
D1513Pilot Twist Drill, Ø1.5 x 13mm
D1515Pilot Twist Drill, Ø1.5 x 15mm



Stop Pilot Twist Drills - Ø2.0mm

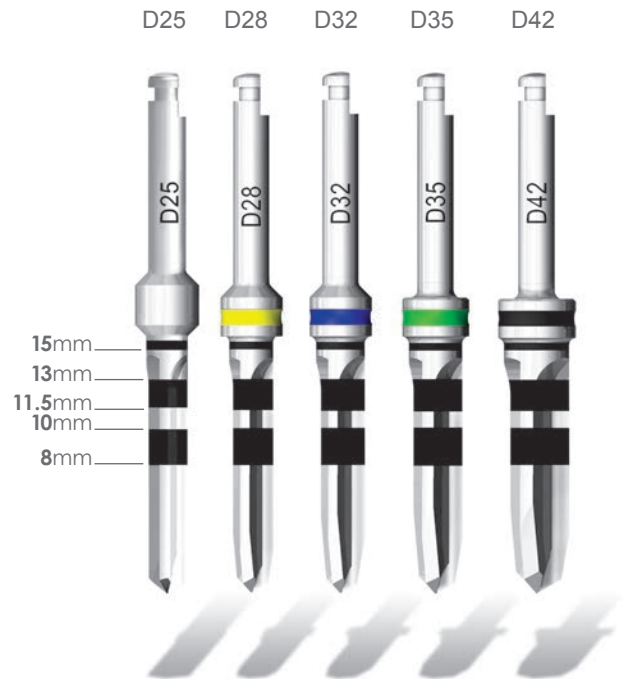
REFERENCE NO. PRODUCT DESCRIPTION

D2008Twist Drill, Ø2.0 x 8mm
D2010Twist Drill, Ø2.0 x 10mm
D2011Twist Drill, Ø2.0 x 11.5mm
D2013Twist Drill, Ø2.0 x 13mm
D2015Twist Drill, Ø2.0 x 15mm

Final Tri-Spade Drills

REFERENCE NO.	PRODUCT DESCRIPTION
D25	Drill Tri-Spade, Ø2.5 x 15 mm
D28	Drill Tri-Spade, Ø2.8 x 15mm
D32	Drill Tri-Spade, Ø3.2 x 15mm
D35	Drill Tri-Spade, Ø3.5 x 15mm
D42	Drill Tri-Spade, Ø4.2 x 15mm

Intra-Lock's Final Drills are engineered to the precise diameter, length, and profile to create an ideal receptor site for their matching implants. Each site dimension corresponds to a specific implant feature.

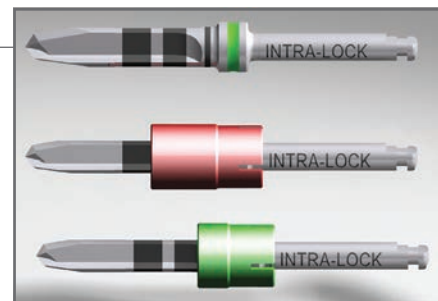


Universal Drill Stops

REFERENCE NO.	PRODUCT DESCRIPTION
UDST065	Drill Stop, 6mm (Not Shown)
UDST08	Drill Stop, 8mm
UDST10	Drill Stop, 10mm
UDST115	Drill Stop, 11.5mm
UDST13	Drill Stop, 13mm



Universal Drill Stops are titanium sleeves that simply slip from the cutting tip onto the hub of the Final Tri-Spade Drills to provide additional drilling precision. They can be easily removed for increased depth flexibility and are color-coded.



FINAL DRILLS

Final Conic (Tapered) Drills



The diameter of the Final Conic Drill is designed to minimize stress generated around the cortical plate and body of the implant. The precise length precludes excessive bone compression at the apex of the implant. Optimum surface contact of bone-to-implant is encouraged by the profile of the Conic Drills. When Intra-Lock's Final Drills are used in concert with their corresponding implants, the osteotomy site and the implants are in a state of physiologic harmony.

REFERENCE NO. PRODUCT DESCRIPTION

CD410	Final Conic Drill, Ø4.3mm x 10mm
CD411.....	Final Conic Drill, Ø4.3mm x 11.5mm
CD413	Final Conic Drill, Ø4.3mm x 13mm
CD415	Final Conic Drill, Ø4.3mm x 15mm
CD510	Final Conic Drill, Ø5.0mm x 10mm
CD511.....	Final Conic Drill, Ø5.0mm x 11.5mm
CD513	Final Conic Drill, Ø5.0mm x 13mm
CD515	Final Conic Drill, Ø5.0mm x 15mm
CD375	Final Drill, Ø3.75mm, SQ Platform
DCT4	Final Drill, CT, Ø4.0mm, Std. Platform
D52	Final Drill, Ø6.0mm, Wide Platform



DRIVE-LOCK™

All Intra-Lock® Implants feature patented* Drive-Lock™ carrier and placement technology. This carrier/driver technology eliminates the need for an implant mount. Implant placement is achieved with incomparable ease, safety, precision and speed. Drive-Lock™ drivers are available for both contra-angle and ratchet wrenches. Additionally, the tip of the Drive Lock™ is a 1.3 mm hex driver, designed with a taper to carry the cover screw onto an implant and thread it into place.

Contra-Angle

Sq Platform

REFERENCE NO. PRODUCT DESCRIPTION

DLISCAL	Drive-Lock Contra-Angle, SQ Platform, Long
DLISCALH	Drive-Lock for WH Contra-Angle, SQ Platform, Long
DLISCAS	Drive-Lock Contra-Angle, SQ Platform, Short
DLISCASH	Drive-Lock for WH Contra-Angle, SQ Platform, Short



DLISCAL



DLISCALH



DLISCAS



DLISCASH



Standard &



Wide Platforms

REFERENCE NO. PRODUCT DESCRIPTION

IDLICAL	Drive-Lock Contra-Angle, Long
IDLICALH	Drive-Lock for WH Contra-Angle, Long
IDLCAS	Drive-Lock Contra-Angle, Short
IDLCASH	Drive-Lock for WH Contra-Angle, Short



IDLICAL



IDLICALH



IDLCAS



IDLCASH

Ratchet

Sq Platform

REFERENCE NO. PRODUCT DESCRIPTION

DLISRL	Drive-Lock Ratchet Driver, SQ Platform, Long
DLISRS	Drive-Lock Ratchet Driver, SQ Platform, Short



DLISRL



DLISRS



Standard &



Wide Platforms

REFERENCE NO. PRODUCT DESCRIPTION

IDLRL	Drive-Lock Ratchet Driver, Long
IDLRS	Drive-Lock Ratchet Driver, Short



IDLRL



IDLRS

O-Ring Replacement for Drive-Lock™

REFERENCE NO. PRODUCT DESCRIPTION

ORC	O-Ring for Drive-Lock, SQ Platform
ORIT	O-Ring for Drive-Lock, Standard & Wide Platform
ORS	O-Ring for Ratchet Driver, Square



ORC



ORIT



ORS

*US Patent 7,131,840

Countersink Drills



CS



CS5

REFERENCE NO.	PRODUCT DESCRIPTION
CS3 (Not Shown)	Countersink Drill for SQ Platform
CS	Countersink Drill for Standard Platform
CS5	Countersink Drill for Wide Platform

Drill Extender



DE

REFERENCE NO.	PRODUCT DESCRIPTION
DE	Drill Extender

DRIVERS



IFACAD

FLAT ONE¹ Abutment System Contra-Angle

REFERENCE NO.	PRODUCT DESCRIPTION
IFACAD	FlatOne [®] Abutment Contra-Angle Driver



DL16



DS16

FLAT ONE¹ Abutment System Drivers

REFERENCE NO.	PRODUCT DESCRIPTION
DL16	Swivel Driver for FlatOne [®] Abutment, Long Ø1.6mm
DS16	Swivel Driver for FlatOne [®] Abutment, Short Ø1.6mm

Torque-Lock[®] Drivers



TLD16L



TLD16S



REFERENCE NO.	PRODUCT DESCRIPTION
TLD16L	Torque-Lock [®] Driver Hex, 1.6mm Long
TLD16S	Torque-Lock [®] Driver Hex, 1.6mm Short
TLDL (Not Shown)	Torque-Lock [®] Driver, 1.3mm Long
TLDS (Not Shown)	Torque-Lock [®] Driver, 1.3mm Short

Contra-Angle and Swivel Drivers



CDCAS



ICADL



ICAD



CAD4



CDS



DS



DL

REFERENCE NO.	PRODUCT DESCRIPTION
<i>Contra-Angle</i>	
CDCAS	Contra-Angle Driver for Long Screws
ICADL	Contra-Angle Driver, Long Ø1.3mm
ICAD	Contra-Angle Driver, Short Ø1.3mm
CAD4	Contra-Angle Driver for 4mm Sq Connection
<i>Swivel Drivers</i>	
CDS	Swivel Driver for Long Screw
DL	Swivel Driver, Long Ø1.3mm
DS	Swivel Driver, Short Ø1.3mm

Depth Gauges

REFERENCE NO.	PRODUCT DESCRIPTION
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DG28	Depth Gauge, Ø2.8mm
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DG35	Depth Gauge, Ø3.5mm
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Paralleling Pins

REFERENCE NO.	PRODUCT DESCRIPTION
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PP33	Paralleling Pin, 3.3mm Plateau
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PP43	Paralleling Pin, 4.3mm Plateau
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PP55	Paralleling Pin, 5.5mm Plateau
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PP33



PP43



PP55

Rotary Tissue Punch

REFERENCE NO.	PRODUCT DESCRIPTION
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RPCA3 (Not Shown)	Rotary Tissue punch, Contra-Angle Ø3mm
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RPCA4	Rotary Tissue punch, Contra-Angle Ø4mm
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RPCA5 (Not Shown)	Rotary Tissue punch, Contra-Angle Ø5mm
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Implant Mounts

REFERENCE NO.	PRODUCT DESCRIPTION
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IMS	Implant Mount, compatible with Nobeguide™
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IMW	Implant Mount, compatible with Nobelguide™ Wide Platform
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IMSS	Implant Mount for Intra Guide (Not Shown)
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IMES	Extraction Screw for Implant Mount
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IMS & IMW are implant mounts designed for Surgical Guide.



WRENCHES

A rugged autoclavable stainless steel instrument, Intra-Lock's Surgical Ratchet Wrench provides smooth ratchet action when applying either clockwise or counterclockwise forces. The wrench has a standard 4X4mm connection.

Surgical Ratchet Wrench

REFERENCE NO.	PRODUCT DESCRIPTION
SRA.....	Surgical Ratchet Wrench, 4mm Square



REL



RES

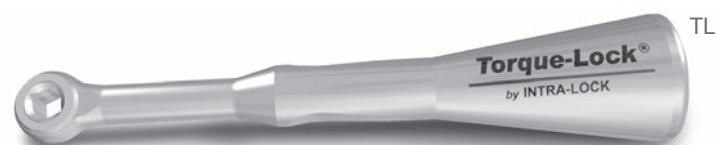
Ratchet Extenders

REFERENCE NO.	PRODUCT DESCRIPTION
REL	Ratchet Extender, Long
RES	Ratchet Extender, Short

Torque-Lock® ratchet torque wrench is a precision instrument designed for both surgical and prosthetic functions. The bearings are made via a patented technology that utilizes rubies and sapphires. These jeweled surfaces enable smooth, virtually frictionless strokes that provide consistent torque readings of 0-50Ncm. An internal coating of Teflon® resists the accumulation of blood and saliva and enables efficient cleaning and sterilization.

Torque-Lock® Torque Wrench

REFERENCE NO.	PRODUCT DESCRIPTION
TL	Torque-Lock, (TLDS and TLDL Sold Separately)



These are two new additions to the Torque-Lock® family. As with Torque-Lock®, the wrenches offer the convenience of a standard manual ratchet wrench and torque indicator in one device. They are designed with minimal components for ease of cleaning and autoclaving. Torque-Lock® 2L is a low torque indicating wrench ideal for dental implant restorations. Torque-Lock 2H provides higher torque readings that make it suitable for surgical applications.

Torque-Lock 2™ Torque Wrench

REFERENCE NO.	PRODUCT DESCRIPTION
TL2L	Torque-Lock 2-Low Torque Indicator
TL2H.....	Torque-Lock 2-High Torque Indicator





KITS

Intra-Lock offers three varieties of surgical kits. They are each designed for efficiency and meeting specific needs. All of these kits are laser etched, suitable for autoclaving and have sturdy stainless steel inserts.

A

Intra-Lock Surgical Kit

The Internal Implant Surgical Kit is designed to guide the surgeon through the instrument sequence for both Straight and Tapered Implant procedures. The kit contains Pilot Stop Drills, Common Drills, Straight and Tapered Drills, Final Drills, a Surgical Ratchet Wrench and all necessary Drive-Lock and common components.

B

Straight Implant Surgical Kit

The Straight Implant Surgical Kit is designed to guide the surgeon through the instrument sequence of Straight Bodied Implants only. This kit consists of Pilot Stop Drills, Common Drills, Selected Specific Implant Drills, the Surgical Ratchet Wrench and all necessary Drive-Lock and common components.

REFERENCE NO.

PRODUCT DESCRIPTION

SK13.....	Intra-Lock Surgical Kit
SKIS	Straight Implant Surgical Kit
SDK.....	Stop Pilot Drill Kit

Pilot Stop Drills

D1508	Twist Drill, Ø1.5 x 8mm
D1510	Twist Drill, Ø1.5 x 10mm
D1511	Twist Drill, Ø1.5 x 11.5mm
D1513	Twist Drill, Ø1.5 x 13mm
D1515	Twist Drill, Ø1.5 x 15mm
D2008	Twist Drill, Ø2.0 x 8mm
D2010	Twist Drill, Ø2.0 x 10mm
D2011	Twist Drill, Ø2.0 x 11.5mm
D2013	Twist Drill, Ø2.0 x 13mm
D2015	Twist Drill, Ø2.0 x 15mm

Common Drills

LD.....	Locator Drill
D25 (Optional).....	Drill Tri-Spade, Ø2.5 x 15mm
D28	Drill Tri-Spade, Ø2.8 x 15mm
D32	Drill Tri-Spade, Ø3.2 x 15mm
D35	Drill Tri-Spade, Ø3.5 x 15mm
D42	Drill Tri-Spade, Ø4.2 x 15mm

Drive-Locks™

IDLCL or IDLCLH	Drive-Lock Contra-Angle, Long
DLISCAL or DLISCALH	Drive-Lock Contra-Angle, Long, SQ Platform
DLISCAS or DLISCASH	Drive-Lock Contra-Angle, Short, SQ Platform
IDLCAS or IDLCASH.....	Drive-Lock Contra-Angle, Short
IDLRL	Drive-Lock Ratchet Driver, Long
IDLRS	Drive-Lock Ratchet Driver, Short
DLISRS	Drive-Lock Ratchet Driver, SQ Platform, Short
DLISRL.....	Drive-Lock Ratchet Driver, SQ Platform, Long

Common Items

PP33.....	Paralleling Pin, 3.3mm Plateau
PP43.....	Paralleling Pin, 4.3mm Plateau
PP55.....	Paralleling Pin, 5.5mm Plateau
DG28 (Optional).....	Depth Gauge, Ø2.8mm
DG35 (Optional).....	Depth Gauge, Ø3.5mm
CS3.....	Countersink Drill for Sq Platform
CS.....	Countersink Drill for Standard Platform
CS5.....	Countersink Drill for Wide Platform
SRA.....	Surgical Ratchet Wrench, 4mm Sq.
DE.....	Drill Extender
DL (Optional).....	Swivel Driver, Long Ø1.3mm

Specific Implant Drills

D52	Final 6mm Drill, Tri-Spade Ø5.5 x 8mm
CD410	Final Conic Drill, Ø4.3mm x 10mm
CD411	Final Conic Drill, Ø4.3mm x 11.5mm
CD413	Final Conic Drill, Ø4.3mm x 13mm
CD415	Final Conic Drill, Ø4.3mm x 15mm
CD510	Final Conic Drill, Ø5.0mm x 10mm
CD511	Final Conic Drill, Ø5.0mm x 11.5mm
CD513	Final Conic Drill, Ø5.0mm x 13mm
CD515	Final Conic Drill, Ø5.0mm x 15mm
DCT4	Final Drill, Tri-Spade, Ø4.0mm
CD375	Final Drill, Tri-Spade, Ø3.75mm



Surgical Motor System

ACCURATE, RELIABLE, VERSATILE.

Made in the USA



The **Delfin™2** Surgical Motor System is superbly designed to function as an implant/endodontic/surgical motor system. The powerful 40,000 RPM motor automatically interfaces with five distinct handpiece ratios, enabling speeds that range from 15 – 200,000 RPM, and torque values that range from a max of 80Ncm in “Implant Mode”, down to 4.95 Ncm in “Surgical Mode” and 1000g-cmin “Endo Mode”. The controls are located on the electronic console which has six custom-preset buttons and an internal computer featuring an upgradeable OS.

The incomparable 20:1 Mont Blanc 20:1 handpiece is included in this package. It delivers torque values up to 80Ncm and is unmatched in quality, precision and ergonometics. The **Delfin™2** System is aptly designed to enable the full potential of this fine handpiece. A calibration test and Dynamometer Program fine tunes the system, enabling these components to run in complete harmony and impeccable accuracy.

This versatile and powerful oral surgery system is ideal for the dental professional who demands not only fine quality and elegant precision, but is also looking for a system that will provide for long-term use and maximum flexibility.

Precision and Accuracy

The internal calibration program combined with the depth control handpiece enable extreme accuracy and precision when determining torque values and drilling to specific depths.

Elegance in the Operatory

The stylish design, illuminated display and sleek profile make the **Delfin™2** an esthetic as well as a functional addition to any surgical suite.

Smartness and Flexibility

The intuitive user interface provides for six custom programs that are available for a drilling sequence when placing implants, and another six when performing endodontic procedures. The intelligent power supply monitors the voltage and automatically adjusts to 100 or 240 volts and 50 or 60 Hz.

High Reliability and Performance

Two-year warranty on the console system and one-year on Mont Blanc handpieces.

Hands- Free Operation

All drilling sequences, irrigation, forward and reverse rotations are easily controlled with the foot control unit.

Computer and SDS Card Electronics

Delfin™2 incorporates simple and easy re-programming via SDS memory card. Updates your system in seconds.

Built-in Pump

The flow rate of the integrated, powerful peristaltic pump can be adjusted via the foot-control unit in increments of 10% to deliver up to 140 ml/min. The reusable irrigation system can be sterilized up to 80 times for considerable savings and better protection of the environment.

Variable Speed Foot Control Unit

The **Delfin™2** Variable-Speed Foot Control comes as standard equipment on the **Delfin™2** System. It can control motor speed, direction, torque, preset selection, flow rate and turn the pump On/Off. It can select Implant or Endodontic presets and individual Endo files by simply pressing the Orange button on the Foot Control Unit. The pedal allows for variable or on/off operation of the System.

Wide Selection of Handpieces

Delfin™2 offers a wide selection of handpieces for implantology, oral surgery and endodontics. Mont Blanc 20:1 contra-angles deliver up to 80Ncm of torque and are available with and without depth control. The oral surgeon can select either straight or contra- angle handpieces of 1:2 to deliver up to 80,000 rpm, while the endodontist can select handpieces of 8:1 with latch or push-button locking mechanisms.

Dynamometer

The **Delfin™2**'s dynamometer calibration system ensures the greatest operational accuracy. Six programmable preset buttons allow for complete personalization, making it ideal to work with any implant system. The powerful motor provides maximum torque for any surgical application, including third molar extractions, making this a great Stryker™ replacement!



40 K rpm Autoclavable Micromotor

Includes autoclavable tubing and 10 pump tubing replacement.

Compatibility

The **Delfin™2** is compatible with E-type 1:8 endo, 20:1 implant, 1:1, 1:2 surgical, and 1.5 high speed handpieces.

Adjustable Torque

- Up to 80Ncm in Implant Mode
- Up to 4.95 Ncm for surgical applications
- Up to 1,000 g-cm in Endo Mode

Speed Ranges	
20:1	15 – 2,000 rpm
8:1	38 – 5,000 rpm 38 – 1,300 rpm if Endo ASR active
1:1	1,000 – 40,000 rpm 300 -1300 rpm if Endo ASR active
1:2	2,000 – 80,000 rpm
1:5	5,000 – 200,000rpm

Delfin2™ Surgical Motor System

REFERENCE NO. PRODUCT DESCRIPTION

**DEL2.....Delfin2™ Surgical Motor + Contra-angle 20:1
DEL2-01.....20:1 Reduction Contra-angle Handpiece**

Additional Handpieces

**DEL2-08.....20:1 Reduction Contra-angle Handpiece
with Depth Control**
DEL2-17.....1:1 Straight Handpiece
DEL2-18.....1:2 Speed Increasing Handpiece
DEL2-19.....1:5 Speed Increasing Handpiece
DEL2-20.....8:1 Reduction Latch-head Contra-angle Handpiece
DEL2-21.....8:1 Reduction Push-button Head Contra-angle
DEL2-22.....1:2 Speed Increasing Handpiece

Options & Ancillary Items

DEL2-02.....Pump Irrigation Tubing, 10 Pack (single Use)
DEL2-03.....Memory Card
DEL2-04.....Cannula
DEL2-05.....Autoclavable Motor Holder With Bracket
DEL2-06.....Autoclavable Irrigation Tubing Set
DEL2-07.....Y Connector
DEL2-10.....Delfin2 Electronic Console Complete
DEL2-11.....Dynamometer Adapter
DEL2-12.....Irrigation Bag Hanging Rod
DEL2-13.....Sterilizable Micro Motor With Cable
DEL2-14.....Delfin2 Variable Foot Control
DEL2-15.....Autoclavable Motor Holder
DEL2-16.....Delfin2 Power Cord 110 Volt
DEL2-23.....Irrigation Clip
DEL2-24.....Depth Stop
DEL2-25.....Autoclavable Irrigation Tubing Set For Bottles