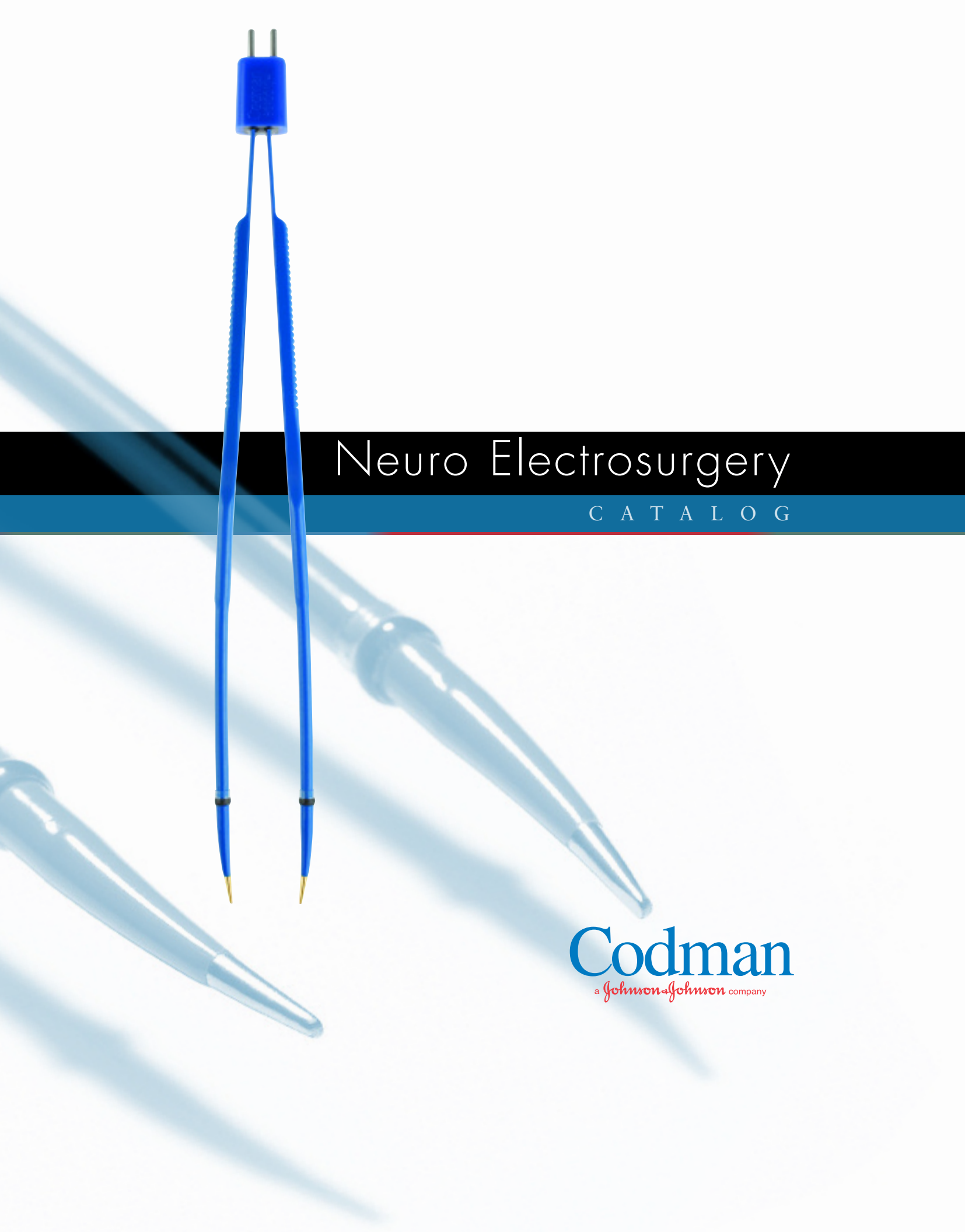




Neuro Electrosurgery

C A T A L O G

Codman
a *Johnson & Johnson* company

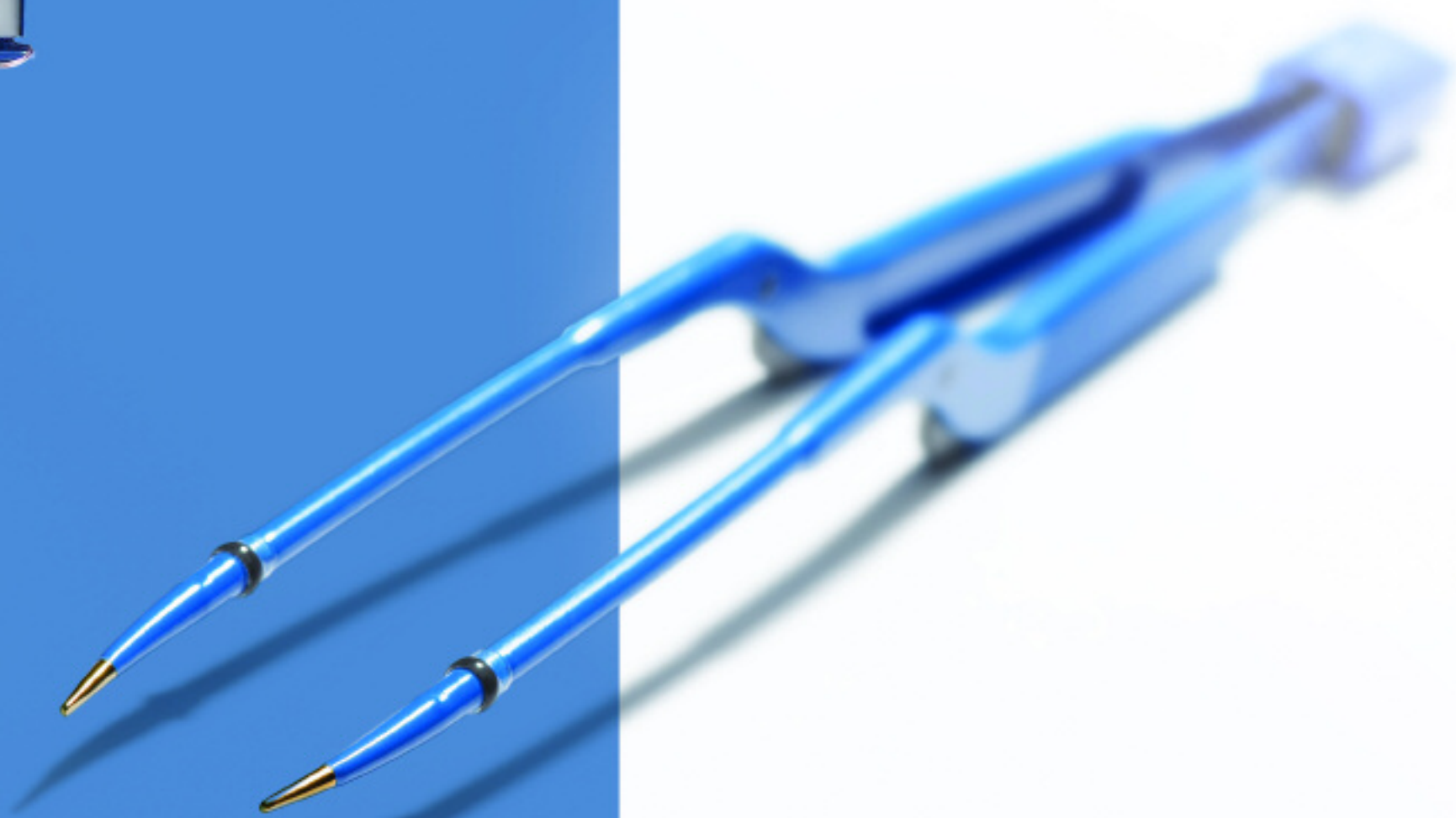


CAPITAL

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BIPOLAR FORCEPS

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MALIS® CMC III BIPOLAR CUTTING AND BIPOLAR COAGULATION SYSTEM

Offers microprocessor control of an proprietary waveform.

Unique Patented Waveform

Provides efficient, gentle coagulation of tissues to reduce the occurrence of sticking and charring of delicate tissues, with or without irrigation.

Asperiodic
Asynchronous
Waveform



Ultra-Low Output Impedance

Ultra-low output impedance permits smooth, progressive coagulation of vessels at all power settings, in either dry or wet surgical fields.

High Power and Micro Bipolar Cutting

Advantages of high power as well as micro bipolar cutting of a variety of tissues, with cutting similar to monopolar.

Dual Foot Pedal Capabilities

MALIS CMC III Bipolar System provides an electric foot pedal with cut and coagulation capabilities.

Precise Fluid Delivery

The easy to use MALIS Irrigation Module 1000 Bipolar Electrosurgery Irrigator uses a peristaltic pump to deliver a consistent and repeatable rate of fluid to meet a wide range of surgeons needs.



MALIS CMC III BIPOLAR CUTTING AND BIPOLAR COAGULATION SYSTEM



Product Code	Length /Description
80-1171	MALIS CMC III Bipolar Cutting and Bipolar Coagulation System Complete Includes:
80-1170	MALIS CMC III Bipolar Cutting and Coagulation Generator 110V.
80-1184	MALIS Electric Footpedal
80-9100	MALIS Irrigation Module 1000
80-9115	Interconnecting Cable
80-1138	Irrigator I.V. Pole
80-1177	CODMAN Floorstand for CMC II/CMC III

Also ordered separately:

80-1170	MALIS CMC III Bipolar Cutting and Bipolar Coagulation Generator 110V. Delivering smooth consistent power for cutting and coagulation, with a ultra-low impedance, patented waveform to reduce sticking and charring. System to include: 1 generator, a detachable power cord and footpedal (80-1184).
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SYNERGY® BIPOLAR COAGULATOR



Product Code	Length /Description
80-1187	SYNERGY® MALIS Precision Bipolar Coagulator. Provides the same quality coagulation as our CMC III generator, utilizing the same unique patented waveform to reduce the occurrence of sticking and charring of delicate tissue. Delivering from 2-150 MALIS units (0.045 -50 watts) of ultra-low impedance output for smooth, consistent performance. System to include: 1 generator and detachable power cord and foot pedal (80-1162).

IRRIGATION MODULE

	Product Code	Length /Description
	80-9100	MALIS Irrigation Module 1000 Delivers a consistent and reliable rate of fluid delivery. It delivers irrigation rates from a slow drip to a constant stream. Irrigation for cut and coagulation can be set independently.
		Optional accessories:
	80-9102	DISPOSABLE Integrated Irrigation Tubing and Bipolar Cord set, Banana Plugs, STERILE, Length 10 ft., 10 per box.
	80-9103	DISPOSABLE Integrated Irrigation Tubing set, STERILE, Length 10 ft., 10 per box.
	80-9104	DISPOSABLE Integrated Irrigation Tubing and Bipolar Cord set, Unitized plug,STERILE, Length 10 ft., 10 per box.

IRRIGATION MODULE IV POLE

	Product Code	Length /Description
	80-1138	Irrigation Module IV pole - for use with Coagulator Floorstand (80-1177) and MALIS Irrigation Module 1000 (80-9100) or the original MALIS Irrigation Unit (80-1164)

BIPOLAR CORDS AND TUBING

	Product Code	Length /Description	
	Current MALIS Irrigation Module 1000 (80-9100)	Original MALIS Irrigator (80-1164)	
	80-9103	80-1165	Tubing set. STERILE, 10 per box.
	80-9102	80-1163	Cord & Tubing set, Banana plugs. STERILE, 10 per box.
	80-9104	80-1189	Cord & Tubing set, Unitized plug. STERILE, 10 per box.

Note: Cord and tubing sets are designed to work with:

- 1. MALIS CMC III & SYNERGY Bipolar generators & Irrigation Modules
- 2. All bipolar forceps listed on pages 8-18 of this catalogue.

	Product Code	Length /Description
	30-1536	BIPOLAR Cord, Reusable, Length 12 ft. CAUTION: Do not flash autoclave 30-1536 BIPOLAR Cord, also check cord before each procedure for its integrity.
	30-1538	BIPOLAR Cord, 12 ft. (approx.) disposable, Sterile, 10 per box. Do not resterilize 30-1538 Disposable Cord.

FOOTPEDAL

	Product Code	Length /Description
	80-1184	Coagulation Footswitch for use with CMC III coagulation units.
	80-1149	Coagulation Footswitch for use with Synergy and CMC III coagulation units.
	80-1162	Coagulation Footswitch for use with Synergy coagulation units.

Note: Prior to ordering cabling, cords/tubing sets and/or footpedals please contact your local CODMAN Sales or Customer Service Representative to review and confirm the order.

GENERATOR CABLES

	Product Code	Length /Description
	80-9115	W Cable for MALIS CMC III and Irrigation Module 1000Foot Switch/Irrigation Cable
	80-9114	Y Cable for original Irrigation Module Interconnecting Cable
	80-1179	CMC III Footpedal/Irrigation Cable. The MALIS CMC III Foot Switch/Irrigation Cable was designed to allow use of the MALIS CMC II Bipedal Footswitch (80-1149) with the MALIS CMC III Bipolar Electrosurgical System and the MALIS CMC II Irrigation Module (80-1164). This cable provides the option of using either the CMC II Bipedal Footswitch or the CMC III Airfoot pedal(80-1173) to control the cutting and coagulation functions of the MALIS CMC III generator, as well as the irrigation function of the CMC II Irrigation Module.

Note: Prior to ordering cabling, cords/tubing sets and/or footpedals please contact your local CODMAN Sales or Customer Service Representative to review and confirm the order.

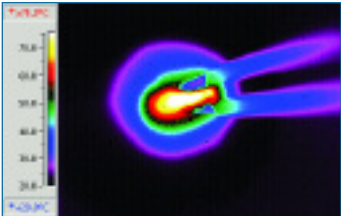
FLOOR STAND

	Product Code	Length /Description
	80-1177	CODMAN Coagulator Floorstand, tip resistant. Conductive casters allow easy mobility. Accommodates CMC III (80-1170) and MALIS Irrigation Module 1000 (80-9100) or the original MALIS Irrigator. (80-1164)

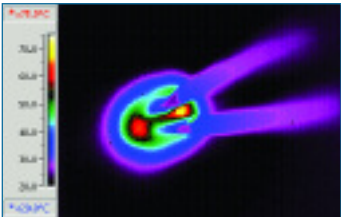
BIPOLAR FORCEPS

ISOCOOL® Bipolar Forceps

Sterile, single-use gold tips are designed for procedures requiring precise temperature control. In most delicate procedures, there is no room for error - instrumentation must be of the highest quality. ISOCOOL doesn't compromise. By incorporating the Active Heat Transfer Technology along with our gold plated tips, surgeons now have an instrument that enhances their ability to coagulate delicate tissue with minimal collateral tissue damage*.

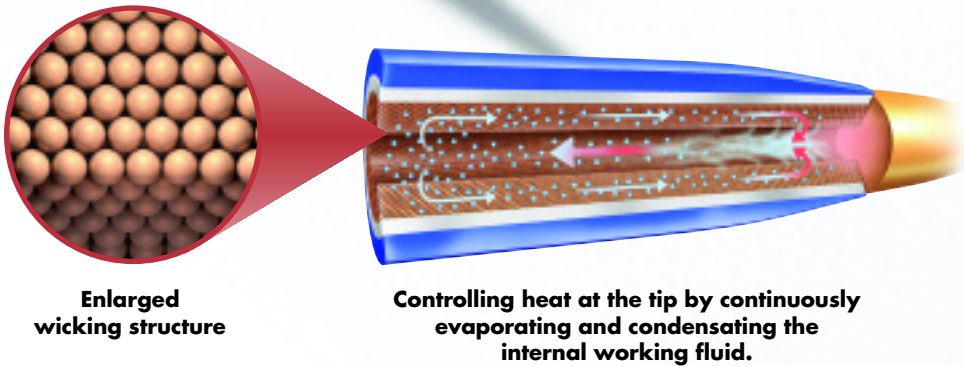


Competitive Bipolar Forceps shows excess heat.
With the bipolar generator set to 35 Malis Units the tissue temperature escalated to will over 75 degrees C and heat was visibly dispersed well beyond the tips of the forceps.



ISOCOOL Bi-polar Forceps stay cool and controlled.
AHT allows ISOCOOL Bipolar Forceps to achieve effective coagulation temperatures. At 35 Malis Units, the ISOCOOL forceps maintained temperatures of approximately 55-65 degrees C.

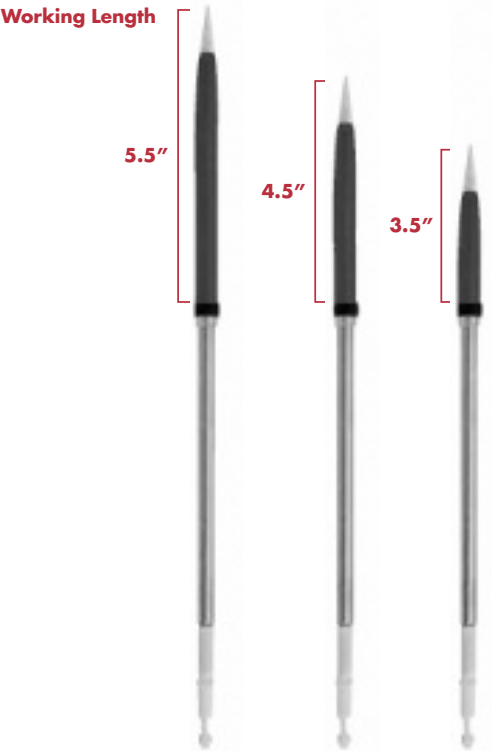
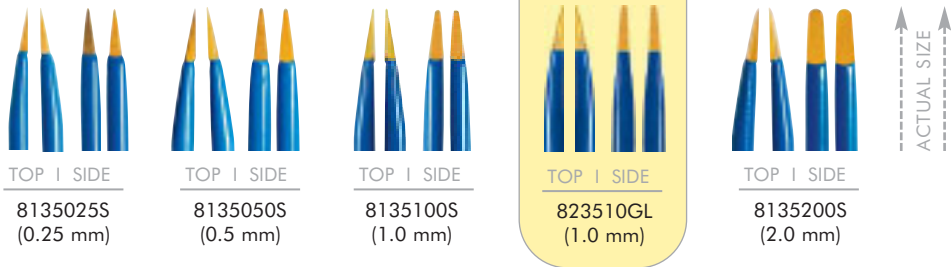
The Science Behind IsoCool & Active Heat Transfer Technology



IsoCool®

BIPOLAR FORCEPS

ISOCOOL TIP SIZES



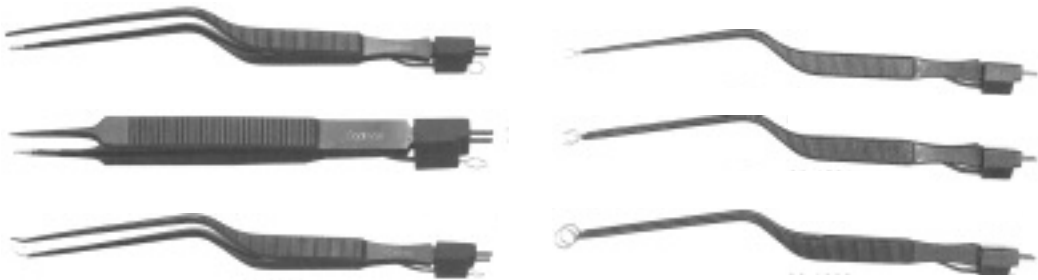
Product Code		Description	
ISOCOOL™ Bipolar Forceps Low Profile Tips			
	Overall Length (inches)	Working Length (inches)	Tip Size(mm)
81-35025S	8 1/2	3 1/2	0.25
81-35050S	8 1/2	3 1/2	0.50
81-35100S	8 1/2	3 1/2	1.00
82-3510GL	8 1/2	3 1/2	1.00
81-35200S	8 1/2	3 1/2	2.00
81-45025S	9 1/2	4 1/2	0.25
81-45050S	9 1/2	4 1/2	0.50
81-45100S	9 1/2	4 1/2	1.00
81-45200S	9 1/2	4 1/2	2.00
81-55025S	10 1/2	5 1/2	0.25
81-55050S	10 1/2	5 1/2	0.50
81-55100S	10 1/2	5 1/2	1.00
81-55200S	10 1/2	5 1/2	2.00



MALIS® BIPOLAR FORCEPS

Non-Stick Mirror Finish Bipolar Forceps

The MALIS CMC III and SYNERGY® MALIS Bipolar Systems are complemented by a broad selection of forceps size and types, including irrigating or non-irrigating, stainless steel or titanium, along with insulated or non-insulated. The variety of patterns and sizes provides bipolar cutting and coagulating capabilities for a wide range of neurosurgical procedures. The bayonet style forceps enhances visibility by keeping the surgeon’s hand farther from the line of sight. Insulated forceps shafts protect the surrounding tissue when performing deep procedures with irrigation assisting in pipe is completely recessed into the right blade of the forceps. This offers the surgeon increased visibility at the forceps tips. A variety of tip patterns provides a comprehensive system for bipolar coagulation and cutting technologies.



Irrigating & Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2900	Bayonet	S. STEEL	8 1/2	4 1/2	0.75
80-2901	Bayonet	S. STEEL	7 3/4	3 1/4	1.50
80-2903	Bayonet	S. STEEL	7 3/4		0.25
80-2913	Straight	S. STEEL	5	2 1/4	0.75
80-2985	Bayonet	TITANIUM	8 3/4	3 1/4	0.25
80-2986	Bayonet	TITANIUM	8 3/4	3 1/4	0.50
80-2987	Bayonet	TITANIUM	8 3/4	3 1/4	1.00
80-2988	Bayonet	TITANIUM	8 3/4	3 1/4	1.50
80-2989	Bayonet Angled Up	TITANIUM	8 3/4	3 1/4	0.50
80-2990	Bayonet	S. STEEL	7 3/4	3	1.50
80-2995	Straight	TITANIUM	6	1 1/4	0.40
80-2996	Bayonet	TITANIUM	10 3/4	5	0.25
80-2997	Bayonet	TITANIUM	10 3/4	5	0.50
80-2998	Bayonet	TITANIUM	10 3/4	5	1.00
80-2999	Bayonet	TITANIUM	10 3/4	5	1.50
80-3050	Bayonet Duck Billed	TITANIUM	8 3/4	3 1/4	1.00

MALIS BIPOLAR FORCEPS

Irrigating & Non-Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2902	Bayonet	TITANIUM	8 3/4	3 1/4	0.50
80-2904	Bayonet	TITANIUM	8 3/4	3 1/4	1.50
80-2905	Bayonet	TITANIUM	8 3/4	3 1/4	1.00
80-2906	Bayonet	TITANIUM	8 3/4	3 1/4	0.25
80-2929	Bayonet 20° Angle Up	TITANIUM	8 3/4	3	0.50
80-2930	Bayonet 20° Angle Down	TITANIUM	8 3/4	3	0.50
80-2931	Bayonet 90° Blunt Curve Up	TITANIUM	8 3/4	3	0.75
80-2932	Bayonet 90° Blunt Curve Down	TITANIUM	8 3/4	3	0.75



Non-Irrigating & Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2914	Straight	S. STEEL	5 1/2	2 1/8	0.25
80-2915	Straight	S. STEEL	6 3/4	2 3/4	0.25
80-2916	Bayonet	S. STEEL	7 3/4	3	0.25
80-2921	Bayonet	S. STEEL	7 3/4	3	1.50
80-2992	Bayonet	TITANIUM	8 3/4	3 1/2	0.40
80-2993	Bayonet	TITANIUM	8 3/4	3 1/2	1.00
80-2994	Bayonet	TITANIUM	8 3/4	3 1/2	1.50

Note: All dimensions are approximate.

MALIS® BIPOLAR FORCEPS

Non-Irrigating & Non-Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2912	Bayonet	S. STEEL	7	3 1/4	1.50
80-2922	Bayonet	S. STEEL	5	2 3/4	0.75
80-2923	Bayonet	S. STEEL	7 1/2	3	0.55



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2938	Bayonet	TITANIUM	8 3/4	3 1/2	0.40
80-2939	Bayonet	TITANIUM	8 3/4	3 1/2	1.50
80-2941	Bayonet	TITANIUM	8 3/4	3 1/2	1.00
80-2942	Bayonet 20° Angled up	TITANIUM	8 3/4	3 1/2	0.40
80-2943	Bayonet 20° Angled down	TITANIUM	8 3/4	3 1/2	0.40
80-2944	Bayonet Curved up	TITANIUM	8 3/4	3 1/2	0.75
80-2946	Bayonet Straight	TITANIUM	8 3/4	3 1/2	0.25



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2940	Straight Fine tip	TITANIUM	6	1 1/4	0.40
80-2945	Straight Extra fine tip	TITANIUM	6	1 1/4	0.25

RHOTON® BIPOLAR FORCEPS

Irrigating & Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-3062	Bayonet	TITANIUM	8 1/4	3 1/2	0.30
80-3063	Bayonet	TITANIUM	8 1/4	3 1/2	0.50
80-3064	Bayonet	TITANIUM	8 1/4	3 1/2	0.70
80-3065	Bayonet	TITANIUM	8 1/4	3 1/2	1.00
80-3070	Bayonet	TITANIUM	9	4 1/4	0.30
80-3071	Bayonet	TITANIUM	9	4 1/4	0.50
80-3072	Bayonet	TITANIUM	9	4 1/4	0.70
80-3073	Bayonet	TITANIUM	9	4 1/4	1.00
80-3076	Straight	TITANIUM	7	2 3/4	0.70
80-3077	Bayonet	TITANIUM	10 3/4	5 5/8	0.30
80-3078	Bayonet	TITANIUM	10 3/4	5 5/8	0.50
80-3079	Bayonet	TITANIUM	10 3/4	5 5/8	0.70
80-3080	Bayonet	TITANIUM	10 3/4	5 5/8	1.00



Irrigating & Non-Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2907	Bayonet	TITANIUM	8 1/4	3 1/8	0.30
80-2908	Bayonet	TITANIUM	8 1/4	3 1/8	0.70
80-2909	Bayonet	TITANIUM	9	3 3/4	0.30
80-2910	Bayonet	TITANIUM	9	3 3/4	0.70
80-2933	Bayonet	TITANIUM	8 1/4	3 1/2	0.50
80-2934	Bayonet	TITANIUM	8 1/4	3 1/2	1.00
80-2935	Bayonet	TITANIUM	9	4	0.50
80-2936	Bayonet	TITANIUM	9	4	1.00
80-2937	Straight	TITANIUM	7 1/4	2 1/2	0.70



Note: All dimensions are approximate.

RHOTON® BIPOLAR FORCEPS



Non-Irrigating & Non-Insulated

Code #	Description		Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2949	Straight	Fine Tip	TITANIUM	7 1/8	2 3/8	0.45
80-2950	Straight	Regular Tip	TITANIUM	7 1/8	2 3/8	1.00



Code #	Description		Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2951	Bayonet		TITANIUM	8 1/4	3 1/8	0.45
80-2952	Bayonet		TITANIUM	8 1/4	3 1/8	1.00
80-2953	Bayonet		TITANIUM	9	4 3/8	0.50
80-2954	Bayonet		TITANIUM	9	4 3/8	1.00



Code #	Description		Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2955	Bayonet		TITANIUM	9 3/4	3 3/4	0.70
80-2956	Bayonet		TITANIUM	9	4	0.50
80-2957	Bayonet		TITANIUM	9	4	0.70
80-2958	Bayonet		TITANIUM	9	4	1.00
80-2959	Bayonet		TITANIUM	9	4	1.50

YASARGIL BIPOLAR FORCEPS



Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-3084	Bayonet	S. STEEL	6 1/2	2 3/4	0.75
80-3085	Bayonet	S. STEEL	6 1/2	2 3/4	1.00
80-3086	Bayonet	S. STEEL	8 1/4	3 1/4	1.30



Non-Insulated

Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2972	Bayonet	S. STEEL	6 1/2	2 3/4	0.50
80-2973	Bayonet	S. STEEL	6 1/2	2 3/4	0.70
80-2974	Bayonet	S. STEEL	6 1/2	2 3/4	1.00
80-2975	Bayonet	S. STEEL	7	3 1/4	0.50
80-2976	Bayonet	S. STEEL	7	3 1/4	0.70
80-2977	Bayonet	S. STEEL	7	3 1/4	1.00
80-2978	Bayonet	S. STEEL	7	3 1/4	1.30
80-2979	Bayonet	S. STEEL	8	4 1/4	0.50
80-2980	Bayonet	S. STEEL	8	4 1/4	0.70
80-2981	Bayonet	S. STEEL	8	4 1/4	1.00
80-2982	Bayonet	S. STEEL	8	4 1/4	1.30

Note: All dimensions are approximate.

ADSON BIPOLAR FORCEPS



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2964	Straight	S. STEEL	5	1	1.00

COAPTATION BIPOLAR FORCEPS



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2968	Straight	S. STEEL	4	1	0.25

CUSHING BIPOLAR FORCEPS



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2920	Straight Insulated	S. STEEL	7	1 1/3	1.65
80-2925	Straight	S. STEEL	7	1 1/3	1.65

E-SERIES® BIPOLAR FORCEPS



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2962	Straight 75 gms closing pressure	TITANIUM	5 5/8	1	0.25
80-2963	Straight 75 gms closing pressure	TITANIUM	5 5/8	1	1.00

GREENWOOD BIPOLAR FORCEPS



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2983	Bayonet Suction	S. STEEL	7 1/2	3	N/A
80-2984	Bayonet Suction Insulated	S. STEEL	7 1/2	3	N/A

HARDY™ BIPOLAR FORCEPS



Code #	Description	Material	Length (inches)	Working Length (inches)	Tip Width (mm)
80-2911	Bayonet	S. STEEL	8 1/4	4 5/8	0.70
80-3060	Bayonet Insulated	S. STEEL	8 1/4	4 5/8	0.70

IRIS BIPOLAR FORCEPS



Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2965	Straight	S. STEEL	3 3/8	1	0.60
80-2966	Curved	S. STEEL	3 3/8	1	0.60

JEWELERS#5 BIPOLAR FORCEPS



Code #	Description	Material	Length (inches)	Working Length (inches)	Tip Width (mm)
80-2926	Straight	S. STEEL	4 3/8		0.35

Note: All dimensions are approximate.

MALIS-JENSEN BIPOLAR FORCEPS

						
Code #	Description		Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2923	Bayonet		S. STEEL	7 1/2	3	0.55
80-2991	Bayonet	Insulated	S. STEEL	7 1/2	3	0.50

SPETZLER® BIPOLAR FORCEPS

						
Code #	Description		Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2960	Bayonet	Straight Tip	TITANIUM	9 7/8	4 3/8	0.90
80-2961	Bayonet	30° Angled Down Tip	TITANIUM	9 7/8	4 3/8	0.90

STANDARD BIPOLAR FORCEPS

					
Code #	Description	Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2967	Straight	S.STEEL	4	1 1/8	0.50

CODMAN NON-STICK MIRROR FINISH TRIGEMINAL BIPOLAR FORCEPS

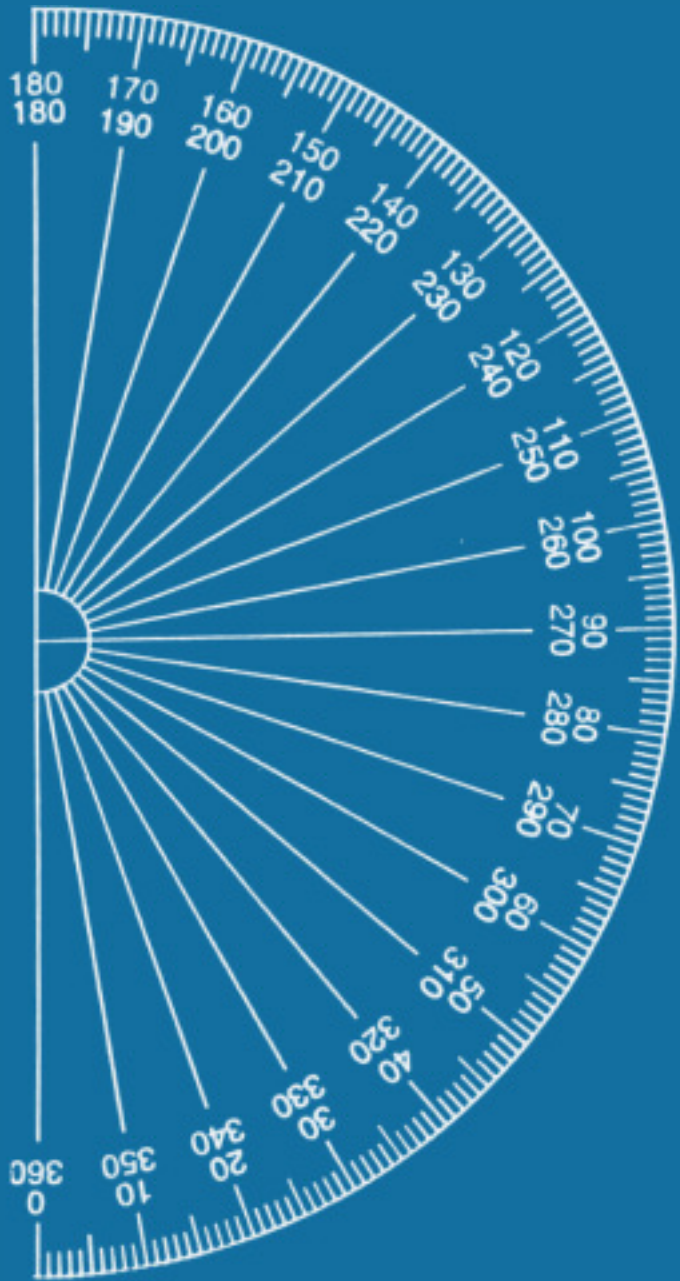
						
Code #	Description		Material	Overall Length (inches)	Working Length (inches)	Tip Width (mm)
80-2947	Bayonet	Fine Tip 45° Angle Up	TITANIUM	7 3/8	3 3/4	0.40
80-2948	Bayonet	Fine Tip 45° Angle Down	TITANIUM	7 3/8	3 3/4	0.40

ACCESSORIES

Product Code	Description
80-1914	MICROCARE™ Universal Bayonet Instrument Case. Lightweight, ULTEM™ for sterilization and storage. Contains 14 slots for bayonet instruments; separate tray for 3 bayonet dissectors; space around perimeter of case for straight instruments or other surgical devices. Length 21" Width 13" Depth 1.5"
	
80-1130	Stylets – set of 10/replacements for preventive maintenance and care of the microtube on MALIS & RHOTON Bipolar Irrigation Forceps. Irrigation Stylets are approximately 11" in length.
	

Note: All dimensions are approximate.

Product Code	Page	Product Code	Page	Product Code	Page	Product Code	Page	Product Code	Page
30-1536	5	80-2925	16	80-2967	18	80-3076	13		
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80-10010H	9	80-2929	11	80-2972	15	80-3078	13		
80-1130	19	80-2930	11	80-2973	15	80-3079	13		
80-1138	4	80-2931	11	80-2974	15	80-3080	13		
80-1149	6	80-2932	11	80-2975	15	80-3084	15		
80-1162	6	80-2933	13	80-2976	15	80-3085	15		
80-1163	5	80-2934	13	80-2977	15	80-3086	15		
80-1165	5	80-2935	13	80-2978	15	80-9100	4		
80-1170	3	80-2936	13	80-2979	15	80-9102	5		
80-1171	3	80-2937	13	80-2980	15	80-9103	5		
80-1177	7	80-2938	12	80-2981	15	80-9104	5		
80-1179	6	80-2939	12	80-2982	15	80-9114	6		
80-1184	6	80-2940	12	80-2983	17	80-9115	6		
80-1187	3	80-2941	12	80-2984	17	81-35025S	9		
80-1189	5	80-2942	12	80-2985	10	81-35050S	9		
80-1914	19	80-2943	12	80-2986	10	81-35100S	9		
80-2900	10	80-2944	12	80-2987	10	81-35200S	9		
80-2901	10	80-2945	12	80-2988	10	81-45025S	9		
80-2902	11	80-2946	12	80-2989	10	81-45050S	9		
80-2903	10	80-2947	18	80-2990	10	81-45100S	9		
80-2904	11	80-2948	18	80-2991	18	81-45200S	9		
80-2905	11	80-2949	14	80-2992	11	81-55025S	9		
80-2906	11	80-2950	14	80-2993	11	81-55050S	9		
80-2907	13	80-2951	14	80-2994	11	81-55100S	9		
80-2908	13	80-2952	14	80-2995	10	81-55200S	9		
80-2909	13	80-2953	14	80-2996	10	82-3510GL	9		
80-2910	13	80-2954	14	80-2997	10				
80-2911	17	80-2955	14	80-2998	10				
80-2912	12	80-2956	14	80-2999	10				
80-2913	10	80-2957	14	80-3050	10				
80-2914	11	80-2958	14	80-3060	17				
80-2915	11	80-2959	14	80-3062	13				
80-2916	11	80-2960	18	80-3063	13				
80-2920	16	80-2961	18	80-3064	13				
80-2921	11	80-2962	16	80-3065	13				
80-2922	12	80-2963	16	80-3070	13				
80-2923	12	80-2964	16	80-3071	13				
80-2923	18	80-2965	17	80-3072	13				
		80-2966	17	80-3073	13				





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