

Karl Schumacher Proximators™ (Project 11-20) (7/12)



Proximators™ from Karl Schumacher are the latest addition to Karl Schumacher's apical instrumentation series. Proximators™ are inserted vertically into the periodontal gap in order to incise the ligaments and expand the alveolus mesiodistally. The mechanical elimination of the periodontal fibers avoids application of lateral force against the thin labial plate in order to stretch and tear the ligament. Mesiodistal expansion of the socket provides a greater path of delivery for the root structure and allows for greater visualization and apical positioning of extraction forceps. Thinner and sharper than traditional Luxating Elevators, with multiple tip designs and configurations, allow the Proximators™ to be quickly and easily adapted to any tooth during any extraction, including severely broken-down, endodontically treated or firmly retained roots.



Manufacturer:

Karl Schumacher Dental Instruments
108 Lakeside Dr.
Southampton, PA 18966
215-322-0511
800-523-2427
<http://schudental.com>

Suggested Retail Price: \$746.00

Government Price: \$590.00

Includes:

Item #: PROX4, Official description: Small Proximator™ Kit, including: Small Straight, Small Distal, Small Mesial, Sharpened Spade, Sharpening Stone and Wash Tray

Components:

Item #: 17.007.01, Official description: Small Straight Proximator™, 2.5mm Wide Tip, Green

Item #: 17.007.05, Official description: Straight Sharpened Spade Proximator™, Gold

Item #: 17.008.01, Official description: Small Distally Angled Proximator™, 2.5mm Wide Tip, Purple

Item #: 17.008.02, Official description: Small Mesially Angled Proximator™, 2.5mm Wide Tip, Purple

Item #: 24.923.10, Official description: Proximator™ Sharpening Stone, Ø1cm / 10cm Long

Item #: 85.182.00, Official description: 1/3 Wash Tray w/ Retaining Bar, 90mm x 178mm x 24mm, 5 Slots

Retail pricing for individual Proximators™ is \$139.00 each.

Military/Government Pricing for individual Proximators™ is \$110.00 each.

Four different kits are available; Small Kit, Spade Kit, Full Kit and Complete Kit

Kit	Items	Mil./Gov. Price	Retail Price
PROX4	Small Proximator™ Kit, including: Small Straight, Small Distal, Small Mesial, Sharpened Spade, Sharpening Stone and Wash Tray	\$590	\$746
	17.007.01 Small Straight Proximator, 2.5Mm Wide Tip, Green		
	17.007.05 Sharpened Spade Proximator, Gold		
	17.008.01 Small Distally Angled Proximator, 2.5Mm Wide Tip, Purple		
	17.008.02 Small Mesially Angled Proximator, 2.5Mm Wide Tip, Purple		
	24.923.10 Proximator Sharpening Stone, Ø1cm / 10cm Long		
	85.182.00 1/3 Wash Tray w/ Retaining Bar, 90mm x 178mm x 24mm, 5 Slots		
PROXSPADE	Spade Proximator™ Kit, including: Straight, Mesial, Distal, Left and Right Sharpened Spade Proximators and Wash Tray	\$675	\$850
	17.007.05 Sharpened Spade Proximator, Gold		
	17.008.05 Distally Angled Sharpened Spade Proximator, Purple		
	17.008.06 Mesially Angled Sharpened Spade Proximator, Purple		
	17.008.08 Sharpened Spade Proximator, Angled Right, Gold		
	17.008.09 Sharpened Spade Proximator, Angled Left, Gold		
	85.182.00 1/3 Wash Tray w/ Retaining Bar, 90mm x 178mm x 24mm, 5 Slots		
PROX7	Full Proximator™ Kit, including: Small Straight, Small Curved, Sharpened Spade, Small Mesial and Distal, Large Mesial and Distal, Sharpening Stone and Wash Tray	\$950	\$1,197
	17.007.01 Small Straight Proximator, 2.5Mm Wide Tip, Green		
	17.007.03 Small Curved Proximator, 2.5Mm Wide Tip, Blue		
	17.007.05 Sharpened Spade Proximator, Gold		
	17.008.01 Small Distally Angled Proximator, 2.5Mm Wide Tip, Purple		
	17.008.02 Small Mesially Angled Proximator, 2.5Mm Wide Tip, Purple		
	17.008.03 Large Distally Angled Proximator, 4.5Mm Wide Tip, Gold		
	17.008.04 Large Mesially Angled Proximator, 4.5Mm Wide Tip, Gold		
	24.923.10 Proximator Sharpening Stone, Ø1cm / 10cm Long		
	85.181.00 1/2 Wash Tray W/ Retaining Bar, 140mm x 178mm x 24mm, 8 Slots		
PROX15	Complete Proximator™ Kit, including: All Proximators, Sharpening Stone and Wash Tray	\$1,850	\$2,369
	17.007.01 Small Straight Proximator, 2.5Mm Wide Tip, Green		
	17.007.02 Large Straight Proximator, 4.5Mm Wide Tip, Green		
	17.007.03 Small Curved Proximator, 2.5Mm Wide Tip, Blue		
	17.007.04 Large Curved Proximator, 4.5Mm Wide Tip, Blue		
	17.007.05 Sharpened Spade Proximator, Gold		
	17.008.01 Small Distally Angled Proximator, 2.5Mm Wide Tip, Purple		
	17.008.02 Small Mesially Angled Proximator, 2.5Mm Wide Tip, Purple		
	17.008.03 Large Distally Angled Proximator, 4.5Mm Wide Tip, Gold		
	17.008.04 Large Mesially Angled Proximator, 4.5Mm Wide Tip, Gold		
	17.008.05 Distally Angled Sharpened Spade Proximator, Purple		
	17.008.06 Mesially Angled Sharpened Spade Proximator, Purple		
	17.008.08 Sharpened Spade Proximator, Angled Right, Gold		
	17.008.09 Sharpened Spade Proximator, Angled Left, Gold		
	17.008.10 Tight Mesial Spade Proximator, 2.5Mm Wide Tip, Brown		
	17.008.11 Small Tight Mesial Angle Proximator, 2.5Mm Wide Tip, Brown		
	24.923.10 Proximator Sharpening Stone, Ø1cm / 10cm Long		
	85.180.00 1/1 Wash Tray w/ Retaining Bar, 275mm x 178mm x 24mm, 16 Slots		

ADVANTAGES:

- + quality workmanship
- + sharp, thin tips to enter and sever the PDL space
- + tough enough to push hard, advance and luxate teeth
- + color coded to identify different tip design
- + Good weight distribution, felt comfortable in my hands
- + Good variety of tips; spade was the favorite shape
- + great results; a majority of evaluators felt they could take teeth out more easily
- + atraumatic extractions

DISADVANTAGES:

- one evaluator did not like the smaller, thinner handles
- one evaluator did not like the rough edges on the handles
- there was some concern over the strength and durability of the instrument tip, some feared that the smaller tip could break off during an extraction

SUMMARY AND CONCLUSIONS:

Proximators™ by Karl Schumacher Dental Instruments are rated **Outstanding** for use in US Air Force dental facilities.