

BLACK COATED



Coating surgical instruments with a black ceramic adds a thin layer to the metal instrument, making the instrument harder and giving you greater precision. This anti-glare surface minimizes reflections off the surface of your instruments. The incredibly smooth coating improves the instruments' resistance to corrosion and minimizes friction. The ceramic coating is virtually impenetrable, because the raw material is bonded to the instrument both physically and chemically. These instruments are much more resilient to the pressure of daily use and chemical processing. Coated instruments last considerably longer.

WHO WE ARE

World Precision Instruments (WPI) is dedicated to the advancement of science. Our team has been supporting the scientific community for over 50 years with innovative and unique solutions to further its research.



QUALITY PRODUCTS & SERVICE

100% SATISFACTION GUARANTEE*

We stand behind the quality of our products to ensure you are satisfied. If you are not 100% satisfied, we offer a full refund within 30 days of purchase with no restocking fee.

*Contact WPI's return department at (866) 606-1974 x253 for instructions.

ISO9001:2015 AND SIX SIGMA CERTIFIED

Our US inspection process is hinged on our ISO9001:2015 certification to ensure you receive quality products. We strive to improve our processes by following Six Sigma principles.



ISO 9001: 2015
Certified

WORLD PRECISION INSTRUMENTS

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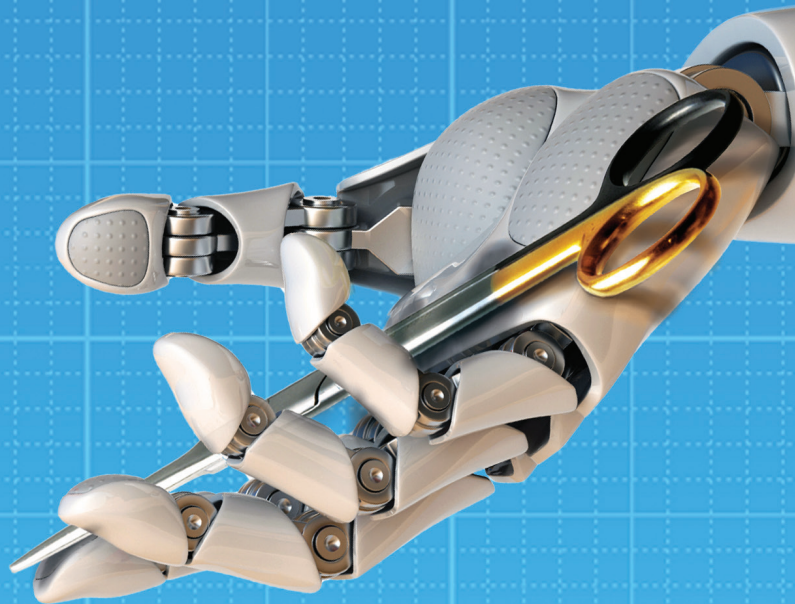
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WORLD
PRECISION
INSTRUMENTS

PRECISION IN YOUR HANDS



QUALITY, COST-EFFECTIVE
INSTRUMENTS
FOR WHEREVER
SCIENCE TAKES
YOU

Our surgical instrumentation offering includes over 1,400 individual Instruments and 11 pre-assembled surgical-specific kits, which are designed for select surgical protocols.

We also offer researchers and veterinarian surgeons the opportunity to build custom surgical kits for their own needs.

TOP LINE SURGICAL INSTRUMENTATION

WPI's quality line of surgical instruments is made of German steel with German craftsmanship, and it is constructed to our exact specifications. To match the quality of our German line, our intermediate line of surgical instruments also goes through a proper passivation with electrolytical polishing. The quality material and craftsmanship used in this line gives you the performance you demand at a economical price.



THREE GRADES OF SURGICAL INSTRUMENTS

Premium - Our premium instruments, designated by the "Made in Germany" stamp, are constructed of corrosion-resistant 300 and 400 steel and can withstand repetitive use and sterilization. They are made to strict specification and subjected to high quality control inspection at several key points during the manufacturing process.

Standard - Our intermediate line is made in Asia with German steel and German craftsmanship. These instruments are also made from corrosion-resistant 300 and 400 steel and can withstand repetitive use and sterilization. They are also made to strict specifications and subjected to high quality control inspection at several points during the manufacturing process

Floor Grade/Disposable - Floor grade quality instruments are forged with recycled steel, with little attention to detail. These are offered in bulk packaging of 12 or more instruments at a steeply discounted price. This line is recommended for single use.

Surgical Accessories - WPI has a complete line of surgical accessories including wound closure, optical loupes, swabs, brushes, sterilizers and cleaners.

COST EFFECTIVE

We strive to provide you with quality instruments at cost effective prices so you get more for less.

CUTTING EDGE SURGICAL INSTRUMENTATION

WPI surgical instruments are produced with the finest quality materials to provide you with instruments of the highest precision. Materials include:

STAINLESS STEEL (INOX)

Stainless steel is a generic name applied to a variety of alloys and grades which are comprised of carbon steel and chromium. Stainless steel alloys typically have good stain resistance. Because of the ferrous metals in the alloy, stainless steel exhibits a certain amount of magnetism. While stainless steel is more resilient than other metals, it is still subject to the effects of chemicals and environmental influences which can cause rust, corrosion and pitting.



Our stainless steel line of instruments are manufactured of the highest quality materials. They are made of austenitic 316 steel, commonly known as "surgical steel" or "marine grade steel." The steel is highly corrosion resistant, and it is a common choice of material for biomedical implants. It is ASTM F138 compliant. This WPI line is an excellent alternative to premium German surgical instruments. The high-quality, corrosion-resistant instruments are available at a fraction of the cost of our premium German surgical instruments.

Inox stainless steel is well suited for medical purposes, because this stainless steel alloy has excellent corrosion resistance and good salt resistance. It is temperature resistant up to 400°C, and it can be autoclaved at 180°C.

DUMOXEL



Dumoxel steel is resistant to staining but slightly softer and less magnetic than stainless steel (Rockwell Hardness measurement of 36). Its higher resistance to corrosion results from the high content of molybdenum and chromium. It is highly resistant to sulphuric acid, hydrochloric acid and other mineral and organic acids. It is also autoclavable. Dumoxel instruments are more likely to bend than to break. The maximum temperature this material can withstand is 350°C.

DUMOSTAR



Dumostar steel is slightly resistant to metal fatigue, has great elasticity and is durable (Rockwell Hardness measurement of 62). It is resistant to mineral and organic acids and salt. It is also autoclavable. Unlike Dumoxel, Dumostar instruments are more likely to break than to bend. The maximum temperature this material can withstand is 550°C.

TITANIUM



Titanium instruments are completely stain-free, 40% lighter than regular stainless steel and completely non-magnetic. Titanium is a soft alloy used for surgical instruments (Rockwell Hardness measurement of 37). Titanium instruments may be used in a corrosive environment. They are autoclavable. The maximum temperature this material can withstand is 550°C.