

# DIAMANTINE™



## HIGH PERFORMANCE SCALPEL BLADES

DIAMANTINE™ edge high performance blades are manufactured to precise angles; the cutting edge is coated with a diamond like material which is biocompatible and highly corrosion resistant, using an environmentally friendly process.

This specification enhances initial sharpness, strength and sharpness retention. Laboratory testing shows significant performance improvements over the best conventional scalpel blades.

DIAMANTINE™ edge high performance blades are available in two variants:

**1. SAFhandle™ SAFETY STAINLESS STEEL SCALPEL BLADES** with round-tip safety design to prevent accidental stab wounds, are available in sizes: 10, 15, 20, 21, 22, 23 and 24.

**2. CONVENTIONAL STAINLESS STEEL SCALPEL BLADES** are available in a full range of sizes: 10, 11, 12, 12D, 15, 15C, 20, 21, 22, 23 and 24.

### SAFhandle™ SAFETY REUSABLE SCALPEL HANDLE

Combined with the SAFhandle™ safety reusable scalpel handle, DIAMANTINE™ edge high performance blades will face the rigors of orthopedic bone work and provide the finesse for plastic surgery, like no other scalpel.

The SAFhandle™ safety reusable scalpel handle provides additional safety. During arthroscopy, blades not only may break but may also become detached from the handle.<sup>1</sup> The innovative SAFhandle™ reusable scalpel handle to blade fitment locking system prevents the blade being detached during the approach for arthroscopy.

The engineering control of the innovative handle/blade fitment locking system allows hands free removal of blade, in compliance with OSHA<sup>2</sup> and CDC<sup>3</sup> requirements and dispenses with the need for blade remover devices.

#### REFERENCES:

<sup>1</sup> "An Unusual Cause of Knee Pain 10 Years After Arthroscopy,"  
Amar D. Rajadhyaksha, M.D., Michael A. Mont, M.D., and Larry Becker, M.D.

<sup>2</sup> OSHA-In situations where an employer has demonstrated that the use of a scalpel with a reusable handle is required ... the blade removal must be accomplished through the use of a mechanical device or a one-handed technique [29 CFR 1910.1030(d) (2) (vii) (B)].

<sup>3</sup> CDC, Workbook for Designing, Implementing and Evaluating a Sharps Injury Prevention Program.



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