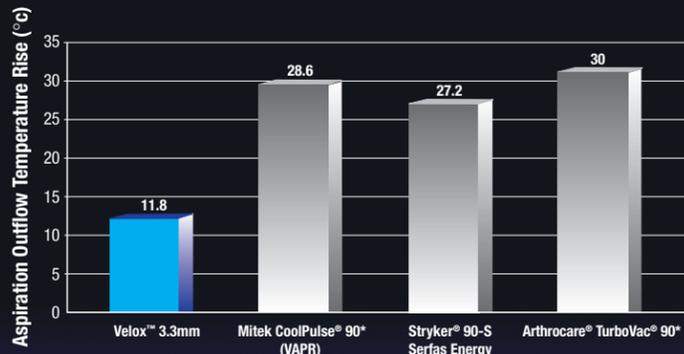


THERMAL RISE IN TEMPERATURE

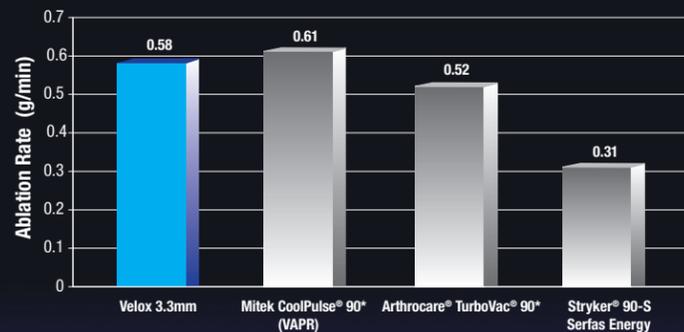
(Nominal / Default Power Settings)



Data on File

ABLATION RATES

(Nominal / Default Power Settings)



Data on File

COMPATIBILITY WITH MOST GENERAL PURPOSE GENERATORS

The Velox™ bipolar ablaters connect to the monopolar active and return receptacles of the generator. The return electrode on the device replaces the return pad typically used with other devices.



- 1 Connect electrode cable to monopolar foot control adaptor in Foot Control receptacle on the generator front panel.
- 2 Connect Return cable to Return receptacle on the front panel of the generator.
- 3 The ablator is controlled by the generator foot pedal. Depress CUT (yellow) pedal for ablation or COAG (blue) pedal for coagulation.

ORDERING INFORMATION

7201	3.3mm Disposable Bipolar Ablator 90°, Aspirating
7203	3.3mm Disposable Bipolar Ablator 50°, Aspirating
7205	2.4mm Disposable Bipolar Ablator 55°, Non-Aspirating
7206	1.8mm Disposable Bipolar Ablator 60°, Non-Aspirating

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VELOCITY
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Velox™
RF Wand
Time to reconsider
your power...

New Radio Frequency
Ablation Technology from
Velocity Orthopedics

Velocity®...

A premium line of
instrumentation for
arthroscopic surgery.

Efficient, Measured, Consistent...Cool Redefined

Power...Delivered Efficiently
A New Definition of Cool

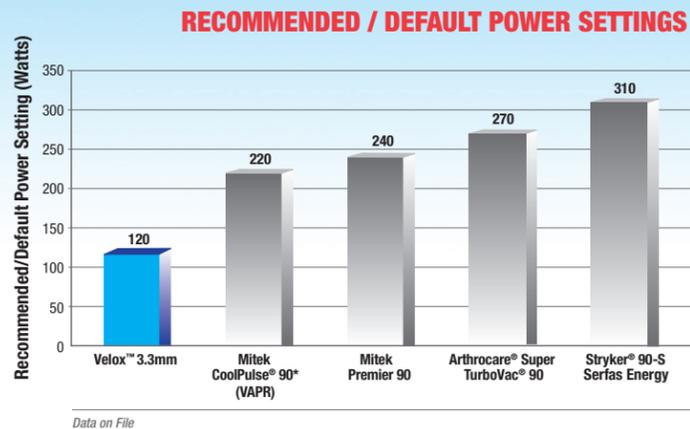
Bipolar RF Ablators

for arthroscopy use radio frequency power to generate arcing through bubbles formed between an active electrode and tissue with the tissue being vaporized by the arcing. These devices provide for the resection and ablation (bulk vaporization) of soft tissue as well as the coagulation of blood vessels. To date, bipolar ablation devices have required dedicated generators that produce power levels well beyond the capability of most standard general purpose generators. High power levels are needed to “ignite” the ablaters due to their inefficient design. Unfortunately, these high power levels may cause a significant rise in intraarticular saline temperature with an associated increase in the likelihood of thermal injury. Additionally, when using some of these devices, arcing (sparking) may occur between the active electrode and the return electrode due to the high power required for the forming of bubbles at the active electrode and the initiation of an ablative discharge.

The high efficiency Velocity Orthopedics Velox™ Ablator is the first to address the efficiency/power differential with its proprietary Velox™ Advanced Power Technology (APT). **The dramatic increase in efficiency allows the Velox™ Arthroscopy Ablator to operate at lower power levels than comparable ablaters, achieving aggressive ablation quickly with reduced potential for thermal injury to the patient.**

The reduced power requirement allows use of a standard generator already available in every surgery center or hospital OR, thus eliminating the need for investment in new capital equipment.

Importantly, the power to the Velocity Velox™ RF Ablator is limited to a lower level if the appropriate tissue interface is not present and the probe is not firing. This is in contrast to other RF ablation systems which dramatically increase power when the probe is in this “pre-ablation” mode and is attempting to ignite. When energized but not firing, as may happen on a bony surface, other systems supply the probe with very high power levels which may increase the likelihood of thermal injury. The Velox™ ablaters with their reduced power in the pre-ablation mode cause less temperature rise.



Unique Wedge Shape:
Distal end configuration provides improved access and allows tissue resection as well as bulk vaporization.



VELOCITY VELOX RF ABLATOR – POWER DELIVERED EFFICIENTLY

Unique Wedge Shape: Distal end configuration provides improved access and allows tissue resection as well as bulk vaporization.

- Patented Power Profile: High-efficiency electrode construction, part of Velocity’s Velox™ Advanced Power Technology (APT), provides aggressive ablation at lower power levels than other bipolar ablaters.
- No dedicated radio frequency (RF) generator is required. Compatible with most commercially available multi-purpose generators.
- Integrated aspiration available on 3.3mm probes, providing a clear field of view while minimizing energy loss - another feature of Velocity’s APT technology.