





ULTRASONIC SURGICAL SYSTEM



Product	Description	Shaft Length	
SG 100	Ultrasonic Surgical System-Generator		
SE 14	Ultrasonic Surgical System-Scalpel	14 cm	
SE 23	Ultrasonic Surgical System-Scalpel	23 cm	
SE 36	Ultrasonic Surgical System-Scalpel	36 cm	
HP1	Ultrasonic Surgical System-Hand Piece		
MKF215/15-MEDGP212	Ultrasonic Surgical System-Foot Switch		



QUALITY CARE THROUGH INNOVATION



Panther UltraSeal Ultrasonic Surgical System

Superior dissection with reliable vessel sealing capability to minimize collateral damage.



YOU WILL BE ENERGIZED BY THE HIGH-PERFORMANCE



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Panther UltraSeal

Ultrasonic Surgical System

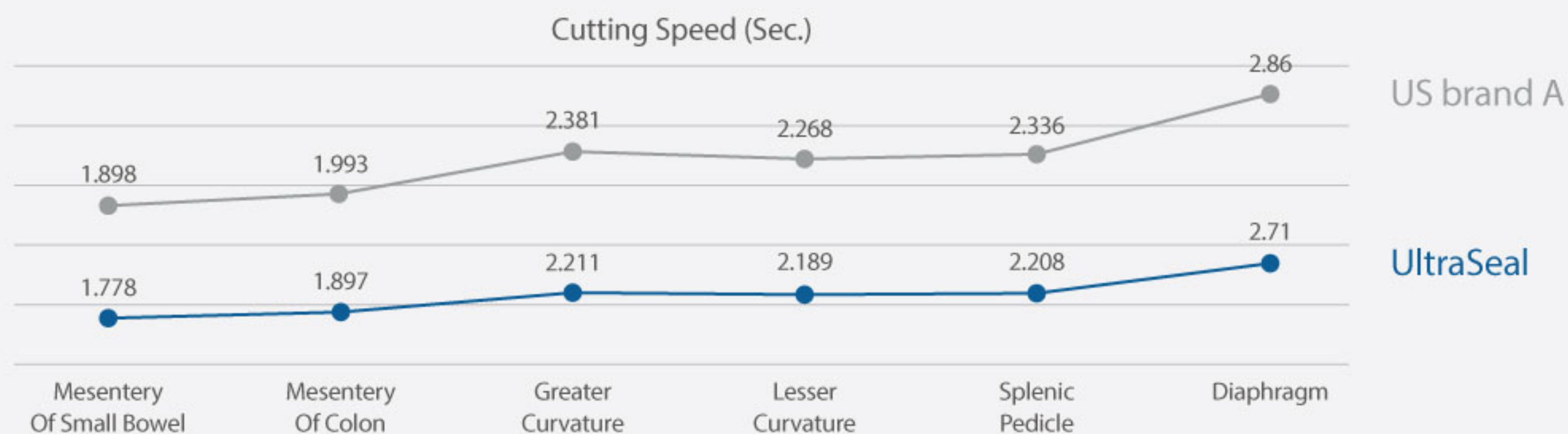
VERSATILITY

Panther UltraSeal ultrasonic surgical system can be used as a versatile multipurpose instrument and an efficient substitute for multiple instruments in a variety of open and endoscopic surgeries for grasping, dissection, cutting and coagulation of soft tissue.

Compare with other traditional devices, ultrasonic surgical system delivers positive surgical outcomes with improved visibility, reduced operating time and improved safety for patients.

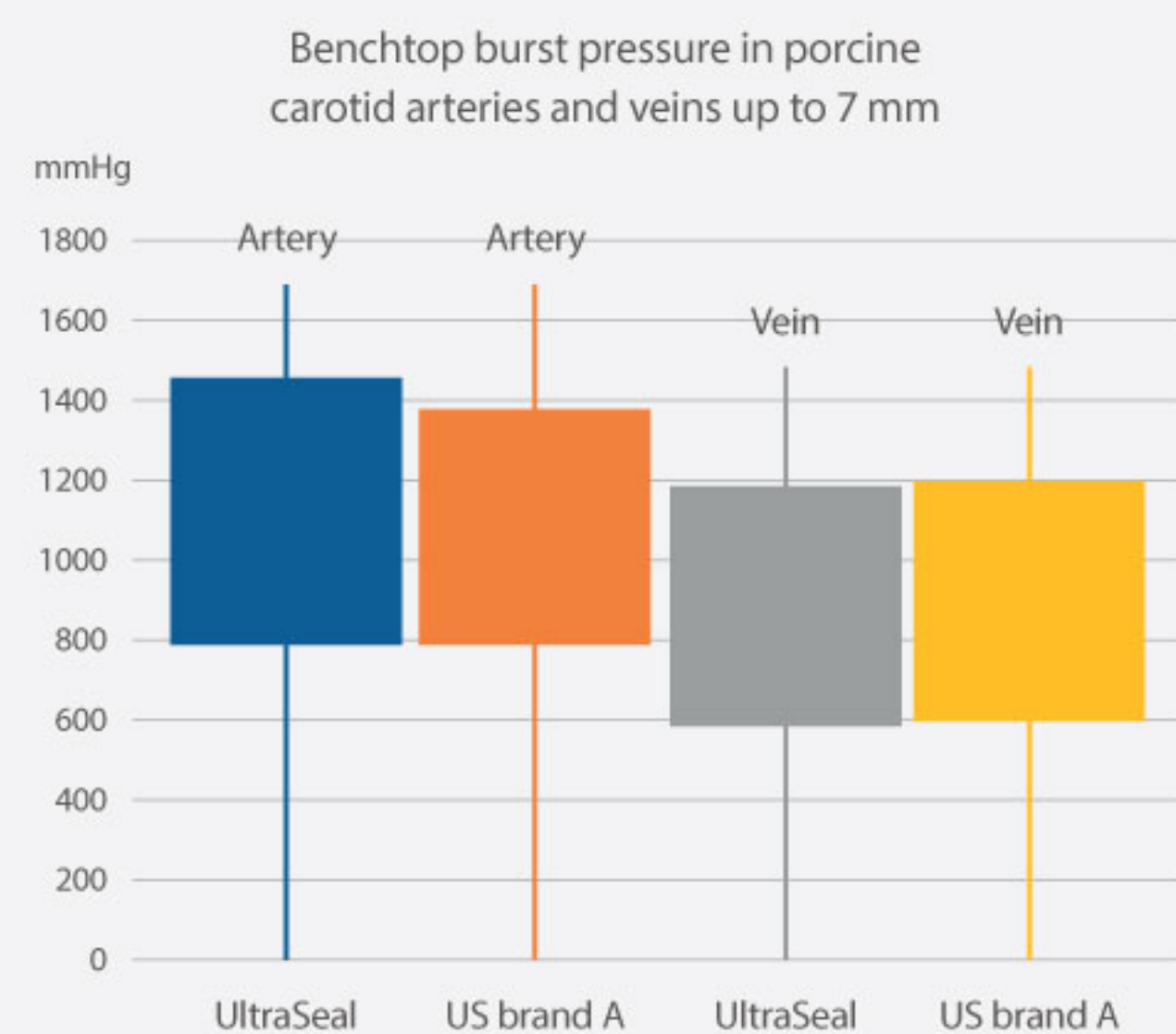
ULTRASEAL SYSTEM VS. US BRAND A

UltraSeal ultrasonic scalpel system has demonstrated the advantages of transection speed precision and coagulation compared to US brand A ultrasonic surgical system



Reliable sealing capability

Burst pressures when sealing up to 7mm vessels
Ex vivo porcine carotid arteries and jugular vein



More precise dissection

The unique blade structure design for enhanced precise dissection and coagulation



Based on "Animal experiment report of ultrasonic scalpel system" showed Panther UltraSeal ultrasonic scalpel system had faster transection speed than U. S. Brand A (SHANGHAI PUDONG HOSPITAL FUDAN UNIVERSITY PUDONG MEDICAL CENTER, CENTER FOR MEDICAL RESEARCH AND INNOVATION (CMRI))



SG100 GENERATOR

The generator provides power to drive ultrasonic surgical scalpel that are indicated for soft tissue incisions when bleeding control and minimal thermal injury are desired.

Intelligent Energy Control

Precise control of the power and frequency output with advanced algorithm, actively monitors the instrument during use and enables the system to respond intelligently to varying tissue conditions, optimizes clinical outcomes with precise and efficient dissection, secure vessel sealing along with minimum lateral spread.

Simple and safe operation system

Fast and intelligent self-test and diagnostic system, intuitive fault indication.



HP1 HAND PIECE

The hand pieces convert electronic energy into mechanical movement through the inverse piezoelectric effect to power the scalpels.

Superb quality piezoelectric components ensures optimal energy conversion and stability.

The chip in the Hand Piece that stores usage tracking and communicates with the SG100 generator to achieve superior efficient energy conversion.

HIGH-PERFORMANCE

Efficient transection, precise dissection with reliable vessel sealing and minimal thermal spread.

ULTRASONIC SCALPEL

Ultrasonic surgical scalpel is intended for use for dissection, cutting, grasping, coagulation during open and endoscopic procedures. The unique blade structure design for enhanced precise dissection and coagulation.

The device consists of an ergonomic grip housing with minimum and maximum energy setting button, and the shafts can be rotated continuously to facilitate visualization and access to targeted tissue.

Sharp curved blade provides improved visibility during surgeries. Superb quality material of blade and forceful jaw design ensures enhanced performance and durability in complex procedures.

