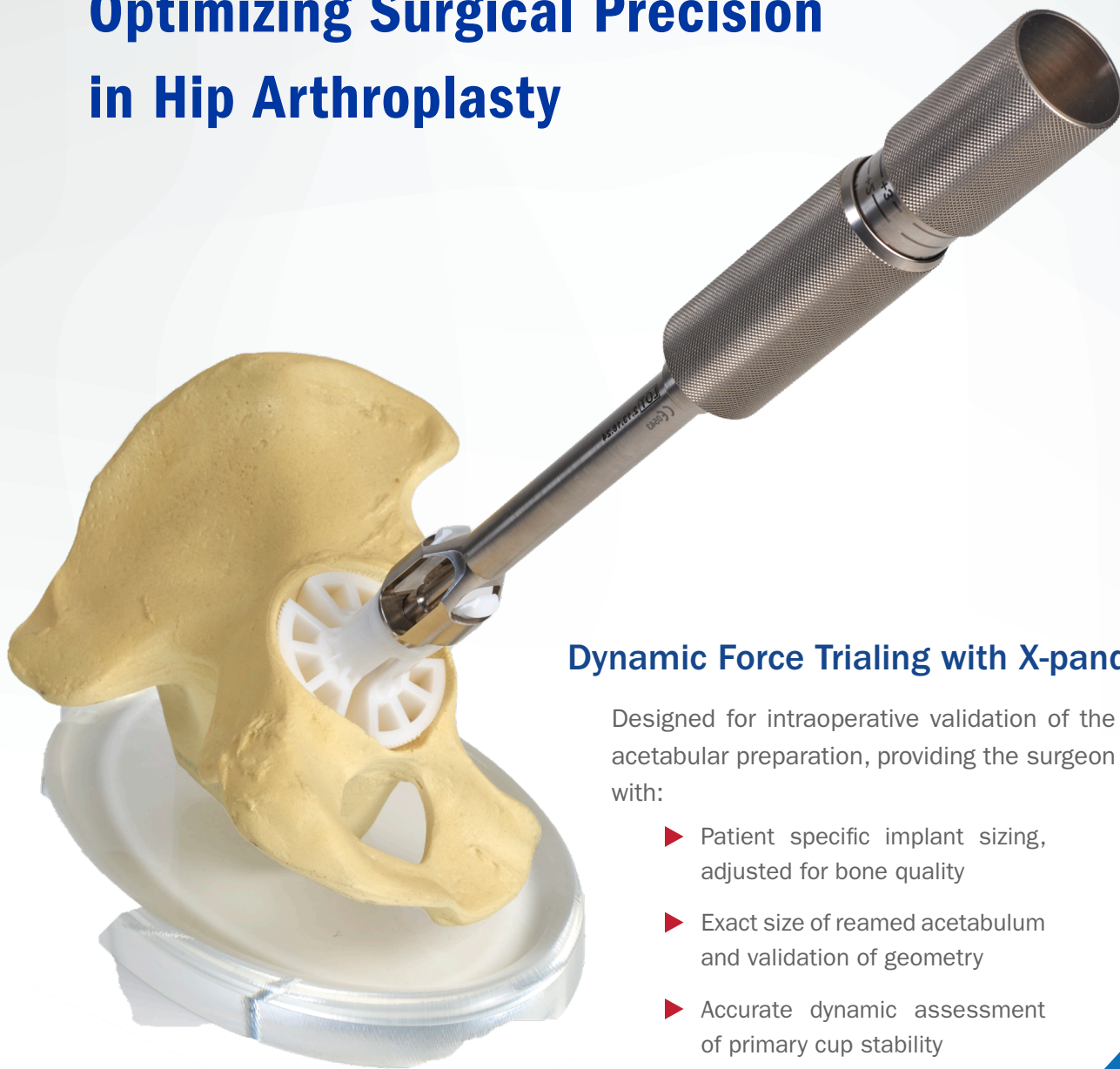




BRASSELER
USA® SURGICAL

X-PANDER®
by MEDICAL ENGINEERING

Optimizing Surgical Precision in Hip Arthroplasty



Dynamic Force Trialing with X-pander®

Designed for intraoperative validation of the acetabular preparation, providing the surgeon with:

- ▶ Patient specific implant sizing, adjusted for bone quality
- ▶ Exact size of reamed acetabulum and validation of geometry
- ▶ Accurate dynamic assessment of primary cup stability



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USA® SURGICAL

X-PANDER®
by MEDICHAICAL ENGINEERING

Increasing Surgical Precision in 33%* of Total Hip Replacements

There's no room in the surgical suite for "best guesses". Utilizing the X-pander system for guiding acetabular preparation, surgeons obtain dynamic tactile feedback for validating the reamed acetabulum's geometry and accurately assessing the bone quality for patient specific cup sizing. X-pander is documented in scientific literature to increase surgical precision in 33% of THR cases* by guiding surgeons to either refine acetabular preparation for better implant fit and/or to change decision on cup size for optimal stability while reducing risk of acetabular rim fracture.

For use with all major cup systems, X-pander is recommended for:

- Revision surgery and complex primary cases: In these procedures X-pander is a reliable decision aid for even experienced surgeons to quickly obtain the best possible acetabular fit—adjusted for bone stock and dynamic biomechanical properties.
- Junior surgeons/residents: Less experienced surgeons generally find X-pander accelerates their learning curve of mastering the cup insertion.

X-pander® Components

By manually turning the handle, the measuring heads expand their diameter up to 3mm in the acetabulum and thereby provides the surgeon with accurate tactile feedback on acetabular preparation and bone quality to base off his decisions on cup sizing and acetabular preparation for optimal primary stability.

PRODUCT CODE	ITEM DESCRIPTION
XPMH46-1	46mm Measuring Head
XPMH48-1	48mm Measuring Head
XPMH50-1	50mm Measuring Head
XPMH52-1	52mm Measuring Head
XPMH54-1	54mm Measuring Head
XPMH56-1	56mm Measuring Head
XPMH58-1	58mm Measuring Head
XPMH60-1	60mm Measuring Head
XPMH62-1	62mm Measuring Head
XPMH64-1	64mm Measuring Head
XPMH66-1	66mm Measuring Head
XPHA1	Instrument Handle for all Head sizes



BrasselerSurgical.com

Orders & Customer Service **800.535.6638**

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*References available on file at Medichanical Engineering ApS on request.
X-pander® is patented: US 11,439,518 and EP2018/064376. X-pander® is CE-marked and FDA registered.