

Unparalleled Visualization

Percutaneous

Shaped for an unobstructed view, REVEEL offers superior exposure of the operating site and is optimized for large, fatty livers. The 90mm HARP SHAPE and rigid CENTRAL I-BEAM enable the liver to be well mobilized and prevent the left lobe from flopping into the field of view.

There is no need for additional trocars when

using REVEEL. With the same diameter as an

industry standard 5mm cannula, REVEEL's profiled

tip facilitates easy, low-force insertion, whilst the

internal seals help maintain pneumoperitoneum

and prevent messy fluid leaks.



REVEEL's patented retraction surface features ACTIVE TRACTION – a composite material that really "sticks" to the liver and stops it from sliding around during the procedure. The combination of ACTIVE TRACTION and the unique HARP SHAPE provides **strong** and truly **gentle** retraction.



Ergonomics

Created by award winning instrument designers, the ergonomic handle is comfortable, intuitive, and easy to use. Pull-and-go actuation allows the retraction surface to be locked in the desired shape and the one-touch QUICK RELEASE mechanism allows for safe, yet rapid deactivation.







Do Not Crush

ACTIVE TRACTION creates a retraction surface with a Coefficient of Friction [COF] 171% greater than traditional metallic retractors. A high friction interface means: less retraction force; reduced possibility of inadvertent crushing of the liver; less slippage; and less frustration for the surgeon.



REVEEL is fast and easy to use: no excessive manipulation to position the retractor; no tedious actuation screws. Simply target, actuate, mobilize, retract, and clamp in place using a standard instrument clamp. Heavy, floppy livers retracted in seconds.

RETRACTION Limited

RETRACTION Limited recognizes the challenges posed by the global obesity crisis. It is our mission to make a dramatic improvement in large organ retraction and in other staid areas of surgery.

Our strength lies in our unique blend of skills and experience. Our global expertise combines UK and US progressive device design with HK leading-edge manufacturing. This rare combination ensures that we deliver innovative, high quality devices that really improve patient outcomes and surgeon satisfaction.

We are passionate about confronting the orthodox and relish working with surgeons and OR staff who are of a similar mind.

Radically rethinking endoscopic retraction.

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Features

Exposure

- Central I-Beam prevents liver drooping into field of view
- Harp shape conforms to livers of all sizes

Active Traction

- Reduces risk of trauma and liver infarction
- Prevents slippage and frequent repositioning

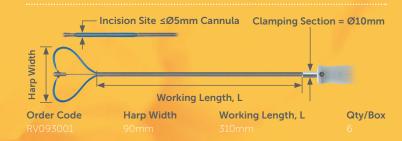
- Optimized Shape 90mm harp shaped retraction surface
 - Designed to accommodate large fatty liver

Speed and Ease

- Percutaneous no need for an extra trocar
- Rapid insertion, actuation, and removal

Strong and Reliable

- Solid mechanical architecture that won't break
- Single use no cleaning or contamination worries



Clinical References

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- 2. Kinjo Y, Okabe H, Obama K et al (2011) Elevation of Liver Function Tests
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- 4. Lohlun JC, Guirguis A, Wise L (2004) Elevated Liver Enzymes Following
- 5. Orr, K. E. and Williams, M. P. (2014) MDCT of retractor-related hepatic

