



# Solar GI HRAM

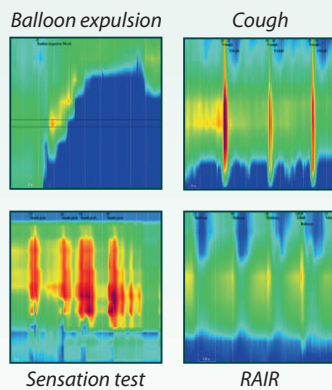
## High Resolution Anorectal Manometry

- Contour plot display
- Full coverage of anal sphincter
- Easy placement of water perfused or solid state catheter
- Up to 24 pressure channels

High Resolution Anorectal Manometry (HRAM) is a new approach of measuring anorectal pressures. Besides conventional manometry displays, rapid data interpretation via contour plots can be established.

Some Solar GI HRAM benefits:

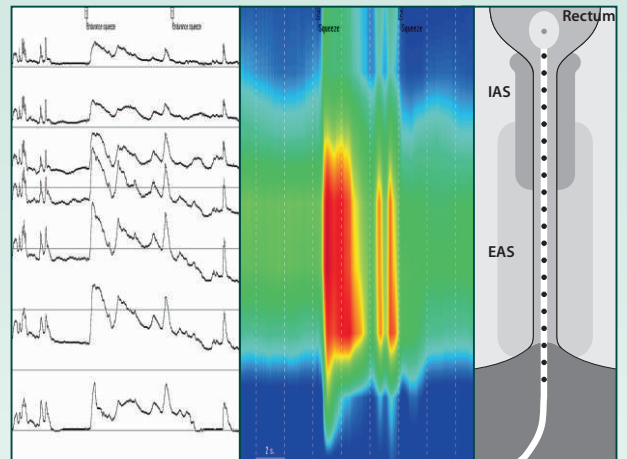
- Accurate and consistent data
- Optimal sphincter visualization
- Easy correction of catheter movement



Solar GI HRAM

### Visual View

The contour plot display offers more information than conventional pressure curves, and is still easier to analyse due to the recognition of typical anal sphincter patterns. So, more information and easier analysis go perfectly together.



Squeeze test: Conventional versus High Resolution Anorectal Manometry

### Easy data analysis

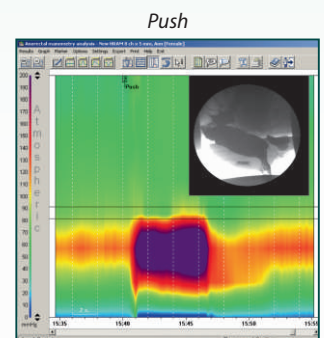
Solar GI HRAM analysis software helps you to review all manometry data very efficiently. It provides fast and accurate determination of diagnostic parameters using intuitive graphical markers.

Additional benefits are:

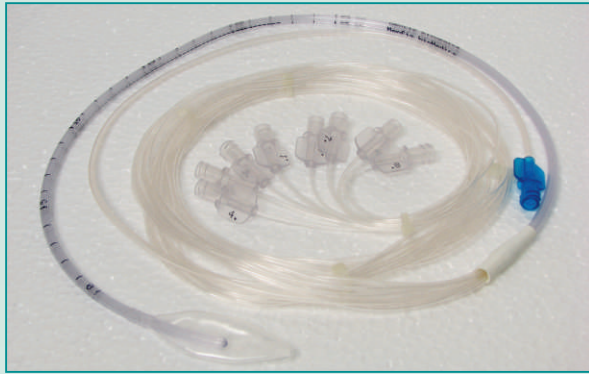
- Easy identification of IAS and EAS.
- Automatic result calculation.
- Anal pressures can be shown relative to rectal pressure or outside level.
- Switching between contour plot or graphs.

### Defecation combined with X-ray

By adding X-ray images and cine loops to the HRAM pressure measurement you can see defecation in real time.



## Water perfused HRAM catheters



### Single use anorectal catheter:

8+1 pressure channels

- 8 channels with 5 or 10 mm spacing, 12 Fr.
- Measuring range: 40 or 80 mm + rectal balloon pressure
- Single use, so no more cleaning
- Also available in multi-use and pediatric configuration

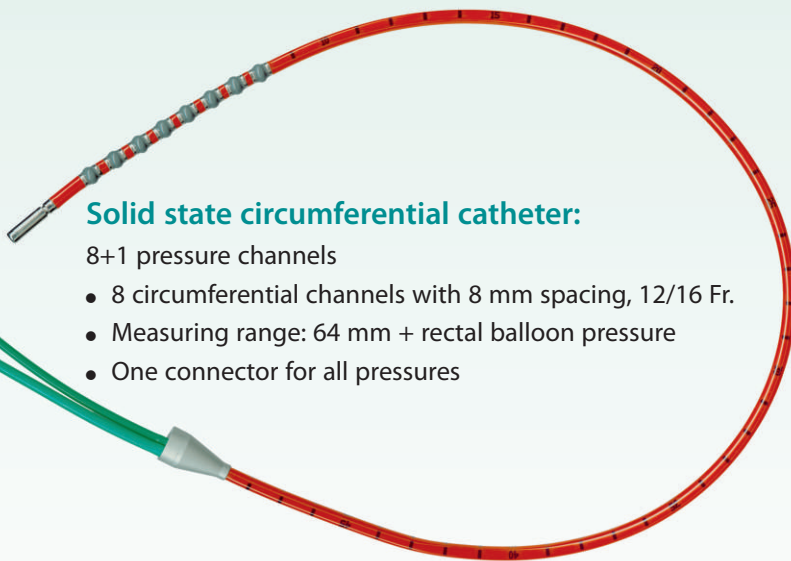


### Multi use anorectal catheter:

20+1 pressure channels

- Very high resolution: 20 channels with 2 or 3 mm spacing, 13 Fr.
- Measuring range: 40 or 60 mm + rectal balloon pressure
- Custom made design possible

## Solid state HRAM catheters



### Solid state circumferential catheter:

8+1 pressure channels

- 8 circumferential channels with 8 mm spacing, 12/16 Fr.
- Measuring range: 64 mm + rectal balloon pressure
- One connector for all pressures

Your official MMS distributor:

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