

# Solar<sup>TM</sup> GI HRAM

High-Resolution Anorectal Manometry System

## GASTROENTEROLOGY

360° High-Resolution Anorectal  
Manometry; IAPWG Protocol and London  
Classification; QuickView Data Analysis  
Program and Customizable System Setup

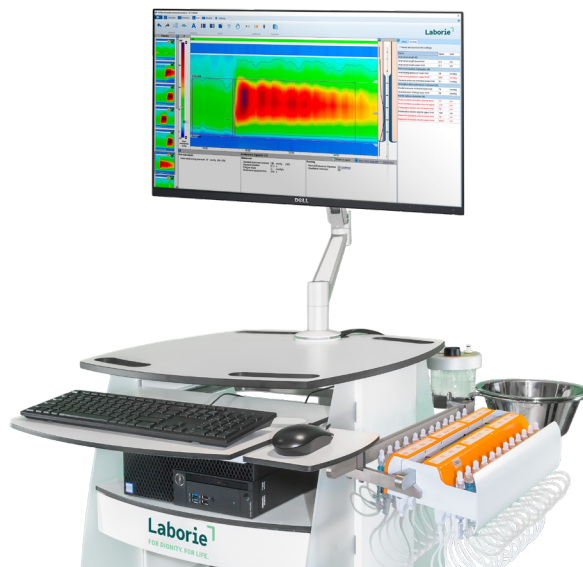


# Solar GI HRAM

## High-Resolution Anorectal Manometry

Laborie is the first company to bring to market, a measurement and analysis software incorporating the new **International Anorectal Physiology Working Group (IAPWG) protocol**, and **London classification**, including:

- Embedded standard protocol per the IAPWG protocol
- Automatic analysis according to London classification
- Comprehensive report using standard nomenclature and normal values



Solar GI HRM 24-36 channel water-perfused system

	G3-8 & G3-12	G3-15	G3-7 Pole System
<b>Pressure Channels</b>	24 (G3-8) & 36 (G3-12)	36	24
<b>Solid-State</b>	Available	Standard	Available
<b>Water-Perfused</b>	Standard	Not Available	Standard
<b>HRAM</b>	Available	Standard	Available
<b>4 Channel Air Charge</b>	Available	Available	Available
<b>Electromyography (EMG)</b>	Available	Available	Available
<b>Antroduodenal (AD)</b>	Available	Not Available	Available
<b>Colonic</b>	Available	Available	Available

Additional software and module upgrades available including PNMTL and biofeedback. Please reach out to your Laborie sales representative for all customization options.

## QuickView Software Makes Analysis Fast and Accurate

HRAM is a new approach for measuring anorectal pressures, which offers more information than conventional manometry.

- **QuickView Analysis:** Results and events will automatically be calculated and marked, providing an overview of the study.
- **360 HRAM:** In combination with a dedicated 3-D catheter, HRAM data can also be displayed in a 3-dimensional plot. As a result, sphincter damage or defects can easily be recognized in the tube view mode.
- In combination with contour plots, rapid data interpretation can be established due to the recognition of typical anal sphincter patterns.



QuickView assists you by helping you focus on relevant parts of the study (events) only

# Solid-State HRAM Catheters

## Easy and Efficient Installation

- Reusable solid-state catheters do not require calibration or study preparation and use only one connector for all pressures.
- Custom designs and latex free balloon options are available.



Solar GI HRM reusable solid-state catheters

Standard Solid-State HRAM Catheters				
Item No.	Investigation	# Pressures	Type of pressures	Diameter
K12959-L5-1038-D	HRAM	9 pressures	1 for balloon, 8 circumferential	12 French
K122359-L5-1623-D	HRAM (3D)	23 pressures	23 unidirectional, 5x4 @ 90 degrees	12 French
K121259-L5-1444-D	HRAM	12 pressures	1 for balloon, 11 circumferential (IAPWG protocol)	12 French

# Water-Perfused HRAM Catheters

## Intuitive and Cost-Effective



- **Choice:** Latex free balloons and 3-D option with 24+1 pressures are available. IAPWG protocol catheters include single use (MMS G-90550) and reusable (C7-R12-1015).



- **Save Time:** Single use catheters do not need calibration, temperature acclimation, or cleaning. Multi-use catheters are autoclavable, silicon or PVC, and have an option for customized designs.



- **Reliability:** The high quality and minimal drift of our catheters make them very suitable for your prolonged investigations, such as Colonic and AD manometry studies.



- **Reimbursement:** View the reimbursement guide to see how HRAM can benefit your patients and your practice at [laborie.com](http://laborie.com).



Solar GI HRM reusable water-perfused catheter

# Service Plan for Carts

Coverage	Laborie <sup>1</sup>	
	Warranty (1 yr)	Gold Plan
Manufacturing defect	X	X
Software enhancements		X
Remote unlimited technical support		X
Computer repairs		50% off
Overnight shipping for repairs		X
Three exchanges per year covering any refurbished needs <sup>2</sup>		X
Hardware and modules fully covered		X
Accidental damage		X
One on-site visit per year for in-service, maintenance, etc		X

1. Laborie has 2-5 year service plans available and there's no charge per module. Prices will vary depending on the system and the number of years contracted for the service plan

2. Upon inspection from Laborie

## Catheter Warranty

The optional Premium Service contract for solid-state HRAM catheters allows physicians to have an increased number of uses and perform tests without disruption during the duration of the repair.

- Extended coverage
- A replacement loaner within 48-72 hours
- Reduced repair costs
- Lower price per usage

Type of service	Standard warranty	Premium service
Number of procedures*	200 uses or 2 years	300 uses or 2 years
Check-up of the catheter and recalibration	Not included	Included
Loaner replacement	Not included	48 - 72 hours
Repairs	Not included	Included
Professional cleaning	Not included	Included
Accidental damage	Not included	50% off cost

\*Colonic and AD catheters have 20 uses

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