

SolarTM GI HRPM

High-Resolution Pharyngeal Manometry

GASTROENTEROLOGY
Diagnostic Testing for Oropharyngeal
Dysphagia; Intuitive Software;
Optimization with Dedicated Catheter



Solar™ GI HRPM

The Solar GI is an all-in-one system that is customizable to meet customer needs with a wide range of catheters and world class software.

Solar GI HRPM Diagnostic Testing for Oropharyngeal Dysphagia

- With HRPM, the Laborie software can now also be used to measure pressures and impedance in the Pharynx and UES, to help diagnose swallowing disorders.
- The software calculates specific metrics, defined by the HRPM International Working Group, and the results are reported directly by the Laborie software.

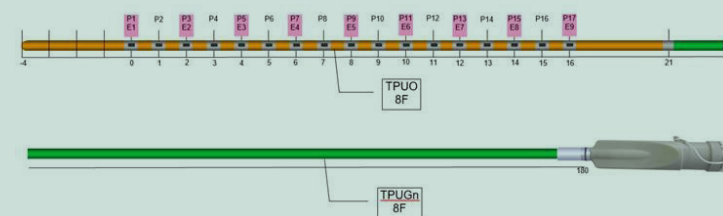
HRPM Requirements

- Esophageal option enabled with Impedance (HRIM)
- Solid-state HRIM catheter
- Latest Laborie software (v10.1)

G3-10	
Pressure Channels	36
Solid-State	Standard
Water-Perfused	Available
HRAM	Available
4 Channel Air Charge	Available
HRIM	Standard
Antroduodenal (AD)	Available
Colonic	Available

HRPM Catheters

The dedicated HRPM catheter is optimized for HRPM measurements and saves cost by reducing the number of necessary pressure channels. The standard HRIM 8Fr and 10Fr catheters are also compatible with the HRPM system.



Solar GI HRM solid-state system

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

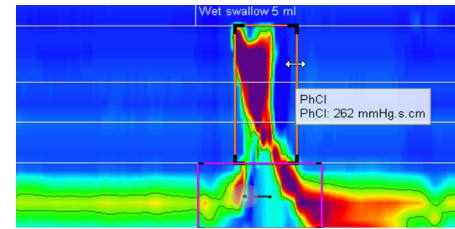
Item No.	K81759-E-2017D
Investigation	HRPM
# Pressures	17
Spacing	1cm
Diameter	8 French
Impedance Channels	8

K81759-E-2017D image pictured left

Intuitive Software Offers Fast and Accurate Diagnostic Reporting

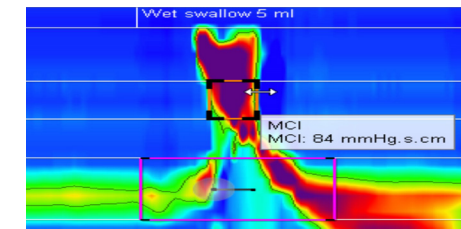
- New edit button allows users to easily select Esophageal, Pharyngeal, or Esophageal and Pharyngeal as the analysis type.
- New panels in the reporting section added: "Pharynx", which displays results when the analysis type selected is Pharyngeal analysis type and UES Relaxation Time/UES MaxAd.

HRPM Results in the Laborie Software



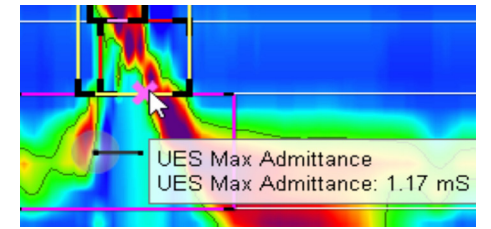
PHARYNGEAL CONTRACTILE INTEGRAL (PhCI)

PhCI is a global measure of pharyngeal contractile vigor within a space-time box on the pressure topography plot spanning from the velopharynx superiorly to the upper margin of the UES. The PhCI is the mean pressure within this domain multiplied by duration (s) and length (cm) in units of mmHg s cm.



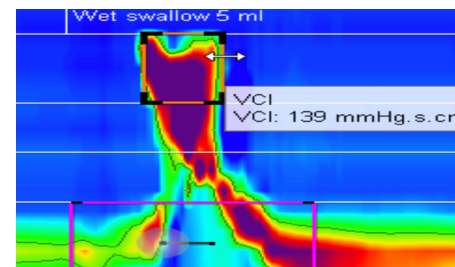
MESOPHARYNGEAL CONTRACTILE INTEGRAL (MCI)

MCI is a measure of contractile vigor within a space-time box on the pressure topography plot spanning the mesopharyngeal region only. MCI is the mean pressure within this domain multiplied by duration (s) and length (cm) in units of mmHg s cm.



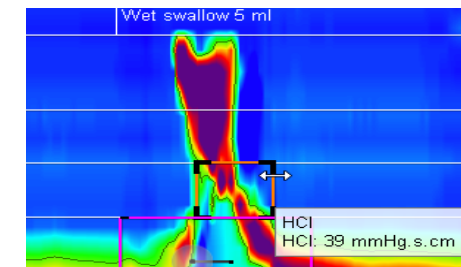
UES MAXIMUM ADMITTANCE (UES MaxAd)

UES MaxAd is a measure of extent of UES opening. UES MaxAd is the highest admittance value recorded during trans-sphincteric bolus flow in units of millisiemens (mS). The UES MaxAd in the software is shown as a small pink cross on the Contour Plot.



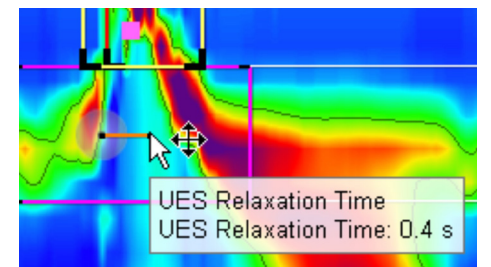
VELOPHARYNGEAL CONTRACTILE INTEGRAL (VCI)

VCI is a measure of contractile vigor within a space-time box on the pressure topography plot spanning the velopharyngeal region only. VCI is the mean pressure within this domain multiplied by duration (s) and length (cm) in units of mmHg s cm.



HYPOPHARYNGEAL CONTRACTILE INTEGRAL (HCI)

HCI is a measure of contractile vigor within a space-time box on the pressure topography plot spanning the hypopharyngeal region only. HCI is the mean pressure within this domain multiplied by duration (s) and length (cm) in units of mmHg s cm.



UES RELAXATION TIME (UES RT)

UES RT is a measure of the duration of UES relaxation. UES RT is the e-sleeve pressure interval below 50% of baseline or 35 mmHg, whichever is lower, in units of seconds.

Service Plan for Carts

	Laborie ¹	
	Warranty (1 yr)	Gold Plan
Coverage	X	X
Manufacturing defect		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 ²		X
Hardware and modules fully covered		X
Accidental damage		X
One on-site visit per year for in-service, maintenance, etc		X

Catheter Warranty

The optional premium service contract for solid state HRM catheters allows physicians to have an increased number of uses and perform tests without disruptions during the duration of repairs.

- 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

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

The software and product images used in this brochure are from Laborie Medical Technologies Corp systems.
 Solar is a trademark of Laborie Medical Technologies Corp. © 2022 Laborie Medical Technologies Corp. All Rights Reserved.

Laborie¹

USA

T 800 522 6743

E CustomerCareUSA@Laborie.com

W laborie.com



Learn more