

2-channel Ambulatory pH Measurement Device

GMMS-2001pH / GMMS-2002pH

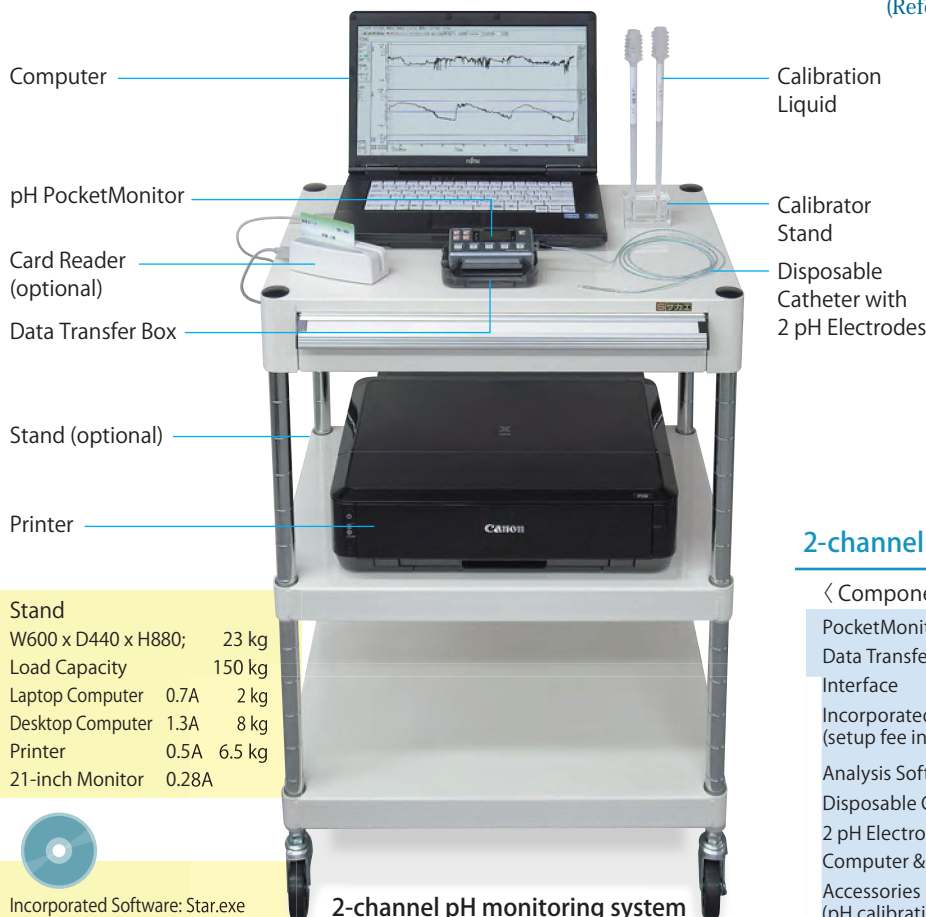
Reference Number for PAL Approval
 • PocketMonitor: 21300B Z Z 00255000
 • Disposable pH Electrode: 21400B Z Y 00078000

Allows 24-hour ambulatory pH recording.
 Patient-friendly, small and light (155 g) design.

This compact pH-metry device classifies the degree of acid exposure into 4 categories, using the time ratio of acid reflux assessment less than pH 4 based on AFP score (see reference below).

There exist some cases that even after the administration of proton-pump inhibitor (PPI) the GERD symptoms, such as heartburn, can still be observed.

In such cases, pH monitoring acts as an effective means to assess acid reflux more carefully.



(Reference) **International Criteria for Esophageal Acid Exposure Symptoms (Time ratio of pH 4 or less)**

Exposure Time Ratio	Classification
Less than 4%	Normal
Less than 8%	Mild acid exposure
Less than 20%	Moderate acid exposure
20% or more	Severe acid exposure

AFP classification proposed by International Society for Diseases of the Esophagus (1992 ISDE)
 #SC07

Stand	
W600 x D440 x H880;	23 kg
Load Capacity	150 kg
Laptop Computer	0.7A 2 kg
Desktop Computer	1.3A 8 kg
Printer	0.5A 6.5 kg
21-inch Monitor	0.28A

Incorporated Software: Star.exe
 Analysis Software: pH.dll

2-channel pH monitoring system GMMS-2002pH

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< Components >	Model	Quantity
PocketMonitor	GMMS-200pH	1
Data Transfer Box	GMMS-TB	1
Interface		1
Incorporated Software (setup fee included)	Star.exe	1
Analysis Software	pH.dll	1
Disposable Catheter with 2 pH Electrodes	SA205	1
Computer & Printer		1
Accessories (pH calibration liquid, calibrator stand, connector cable, carrying bag)		1

(Optional) Card Reader, Stand



PocketMonitor GMMS-200pH

< Specification >

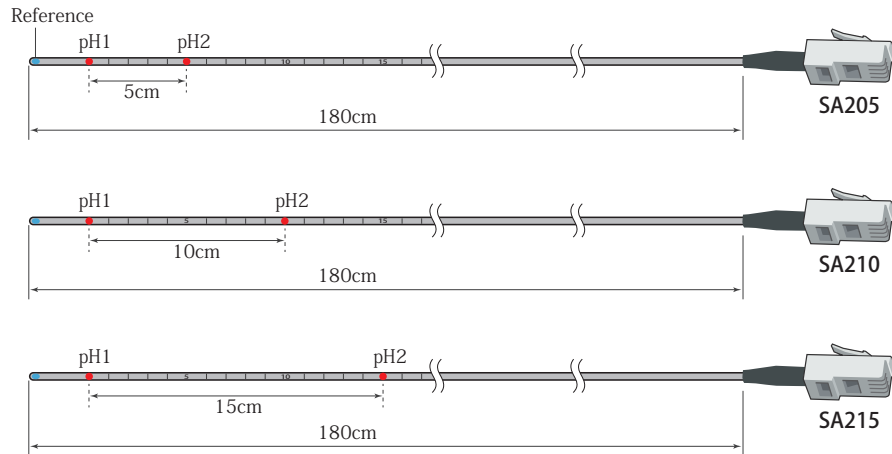
Measurement Range	pH1~14
Channels	Up to 2 channels
Power Source	Lithium Battery (CR-2)
Current Consumption	13mA
Sampling Number	1 sec (measurement) / 100 ms (calibration)
Consecutive Recording Time	Up to 60 hours / 10 days (using external battery box)
Dimensions	105(W) x 75(D) x 25(H) mm
Weight	155 g (battery included)



Data Transfer Box GMMS-TB

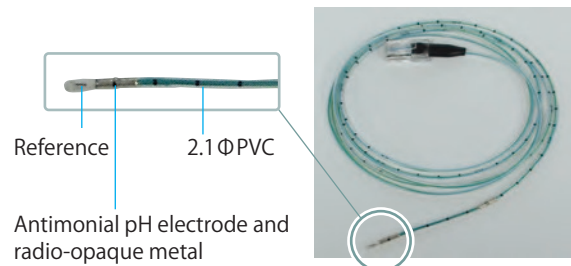
Disposable pH Electrodes

Single-use



Single Use	Distance between Sensors	Outer Diameter
1ch SA100	-	2.1 Φ
2ch SA205	5cm	2.1 Φ
// SA210	10cm	2.1 Φ
// SA215	15cm	2.1 Φ

pH sensor : single crystal antimony
 Tubing : PVC



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