

UAM-100 / UAM-101 Uterine Activity Monitor Operating Instructions



Model UAM-100 (internal sensor only)



Model UAM-101 with external sensor



1343 Canton Rd, Suite B - Marietta, GA 30066
770-794-9114 - 770-794-9098 Fax

THIS DOCUMENT IS CONFIDENTIAL AND A TRADE SECRET OF MICROPATH CORPORATION. THE RECEIPT OR POSSESSION OF THIS DOCUMENT DOES NOT CONVEY ANY RIGHTS TO REPRODUCE OR DISCLOSE ITS CONTENTS, OR TO MANUFACTURE USE OR SELL ANYTHING THAT IT MAY DESCRIBE IN WHOLE OR IN PART, WITHOUT THE SPECIFIC WRITTEN CONSENT OF MICROPATH CORPORATION.

Title:

**UAM-100 / UAM-101
Operating Instructions**

Document Number:

PD-075

Revision

5

Page 1 of 5

UAM-100 / UAM-101 Uterine Activity Monitor Operating Instructions

The UAM-100 / UAM-101 are state-of-the-art battery-operated Uterine Activity Monitors based upon the "System 37"¹ technology. The integrated sensor under the "Blue Dot" provides exceptional sensitivity for detecting very small uterine contractions. The UAM-100 / UAM-101 have a self-contained recorder and modem for transmitting up to 1 hour recordings. The only accessories are a Velcro belt, telephone cable, and external sensor (for UAM-101). Simple one-button commands for "Record" and "Send" provide a clear user interface for minimal training in the field. Under normal operations, the AA alkaline batteries will power the unit for up to 6 weeks before replacement. Note there is NO On/Off switch; when the unit completes a data transmission, it switches to battery saving standby mode but ready for the next recording.

Accessories Required: **Velcro Belt (not supplied)**
 Telephone Cord
 External Sensor (supplied with UAM-101 only)

Recording a Strip

1. On the UAM-101 model, insert plug of external sensor into jack on side of the UAM-101 (see photo on cover page).
2. Hold the UAM-100 so that there is no pressure on the sensor. Likewise, do not apply pressure to the external sensor connected to the UAM-101.
3. Press the **Record** button to initiate the recording mode.
4. The green "Record" LED indicator will turn on and remain on for 10 seconds minimum after the button is pressed while the UAM-100/UAM-101 is waiting for a stable zero-pressure baseline. Once a stable baseline pressure is established, the UAM-100 / UAM-101 will beep indicating that it has started recording. Pressure can then be applied to the sensor. **NOTE:** A failure to find a stable baseline within one minute will cause unit to time out which is indicated by an audible alarm.
5. The unit beeps until the required baseline pressure reaches 15 mmHg. The alarm will re-sound when the pressure drops below 7 mmHg.
6. While recording, the **Record** button can be pressed to stop the recording or simply unplug the external sensor (UAM-101 model only).
7. After one hour the UAM-100 / UAM-101 will stop recording and beep.

¹ "System 37" is a registered trademark of Alere, LLC



THIS DOCUMENT IS CONFIDENTIAL AND A TRADE SECRET OF MICROPATH CORPORATION. THE RECEIPT OR POSSESSION OF THIS DOCUMENT DOES NOT CONVEY ANY RIGHTS TO REPRODUCE OR DISCLOSE ITS CONTENTS, OR TO MANUFACTURE USE OR SELL ANYTHING THAT IT MAY DESCRIBE IN WHOLE OR IN PART, WITHOUT THE SPECIFIC WRITTEN CONSENT OF MICROPATH CORPORATION.

Title: <b style="text-align: center;">UAM-100 / UAM-101 Operating Instructions	
Document Number: <b style="text-align: center;">PD-075	Revision <b style="text-align: center;">5
Page 2 of 5	

Sending a Strip

- The UAM-100 / UAM-101 can send data any time it is not recording.
- If the UAM-100 or UAM-101 is not programmed with an auto-dial phone number then a manual dial telephone will need to share the telephone line.

With an Auto-dial Phone Number

1. Connect a telephone line to the UAM-100 / UAM-101.
2. Press the **Send** button.
3. The UAM-100 / UAM-101 will reset after a complete call.
4. If the call fails, the UAM-100 / UAM-101 will beep three times and will retain its data for additional attempts.

Without an Auto-dial Phone Number

1. Connect the telephone line to the UAM-100 / UAM-101.
2. Connect a manual dial telephone to the same line.
3. Dial the number on the telephone.
4. When you hear the answer tone press the **Send** button.
5. After the modems have negotiated hang up the phone.
6. The UAM-100 / UAM-101 will reset after a complete call.
7. If the call fails, the UAM-100 / UAM-101 will beep three times and will retain its data for additional attempts.

Buttons and Lights Description

Record Light Indicates

- On solid during auto-zero (first second of recording).
- Blinks green slowly while recording.
- Blinks red slowly if there is no pressure on the sensor.
- Off when it is idle.

Record Button

- Starts a recording.
- Stops a recording.

Send Light Indicates

- Blinks red then green slowly if it has data to send.
- Alternates red then green quickly while sending data.



THIS DOCUMENT IS CONFIDENTIAL AND A TRADE SECRET OF MICROPATH CORPORATION. THE RECEIPT OR POSSESSION OF THIS DOCUMENT DOES NOT CONVEY ANY RIGHTS TO REPRODUCE OR DISCLOSE ITS CONTENTS, OR TO MANUFACTURE USE OR SELL ANYTHING THAT IT MAY DESCRIBE IN WHOLE OR IN PART, WITHOUT THE SPECIFIC WRITTEN CONSENT OF MICROPATH CORPORATION.

Title:

**UAM-100 / UAM-101
Operating Instructions**

Document Number:

PD-075

Revision

5

Page 3 of 5

- Blinks red slowly if it failed to send data and is waiting to retry the communication.
- Off when it has no data.

Send Button

- Sends stored data. A long press (about 5 seconds) of the send button will cause the UAM-100 / UAM-101 to use the secondary telephone number.
- While recording it adds an event marker.

Additional Features

- All stored data is automatically cleared after 12 hours if battery power remains on.
- Patient Data is retained in the event the batteries are removed.
- Pressing and holding the **Record** button will load the UAM-100 / UAM-101 with stepped test data.
- A long press of both buttons (about 10 seconds) will cause the UAM-100 / UAM-101 to enter “setup mode” which is indicated by two beeps. To exit the “setup mode”, press the **Record** button.
- Pressing and releasing the **Send** button while the unit has no data will cause the UAM-100 / UAM-101 to connect without sending strip data.
- Low Battery is indicated by a set of 3 beeps every 30 seconds while the unit is operating but NOT in the standby mode.



1343 Canton Rd, Suite B - Marietta, GA 30066
770-794-9114 - 770-794-9098 Fax

THIS DOCUMENT IS CONFIDENTIAL AND A TRADE SECRET OF MICROPATH CORPORATION. THE RECEIPT OR POSSESSION OF THIS DOCUMENT DOES NOT CONVEY ANY RIGHTS TO REPRODUCE OR DISCLOSE ITS CONTENTS, OR TO MANUFACTURE USE OR SELL ANYTHING THAT IT MAY DESCRIBE IN WHOLE OR IN PART, WITHOUT THE SPECIFIC WRITTEN CONSENT OF MICROPATH CORPORATION.

Title:		UAM-100 / UAM-101 Operating Instructions
Document Number:	PD-075	Revision 5
		Page 4 of 5

The UAM-100 / UAM-101 are manufactured by:

Micropath, Inc.
1343 Canton Rd Suite B
Marietta, GA 30066
770-794-9114
info@micropathga.com

All inquires should be directed to Darrell Lindsey or Danny Geuss.

**The UAM-100 / UAM-101 are made specifically for Veterinary Use Only.
This device is not approved for Human use.**

Micropath has an exclusive license to develop and market the System 37 technology for the Veterinary market.

This device complies with Part 68 of the FCC Rules and Regulations.
FCC Registration #: **DWEMM00BXE2422H**

© Micropath, Inc 2010, Marietta, GA, 30066
Firmware Date November 2009



THIS DOCUMENT IS CONFIDENTIAL AND A TRADE SECRET OF MICROPATH CORPORATION. THE RECEIPT OR POSSESSION OF THIS DOCUMENT DOES NOT CONVEY ANY RIGHTS TO REPRODUCE OR DISCLOSE ITS CONTENTS, OR TO MANUFACTURE USE OR SELL ANYTHING THAT IT MAY DESCRIBE IN WHOLE OR IN PART, WITHOUT THE SPECIFIC WRITTEN CONSENT OF MICROPATH CORPORATION.

Title: UAM-100 / UAM-101 Operating Instructions	
Document Number: PD-075	Revision 5
	Page 5 of 5