

User's Manual for SmartSPOTTM GRAVIMETRIC EXPLORERS KIT

VERSION 1.3

INTALEK, INC.

3506-43rd. Place
Highland, IN
46322

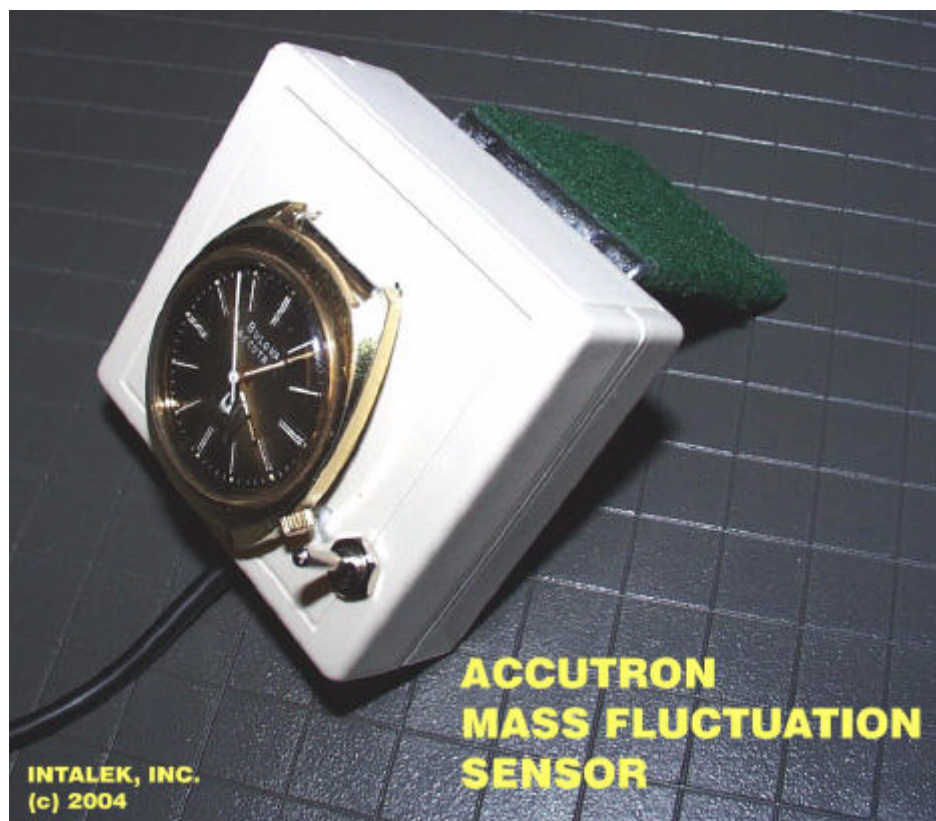
CONTACT INFO:

PHONE: 219.924.2742

EMAIL: infobox01@intalek.com

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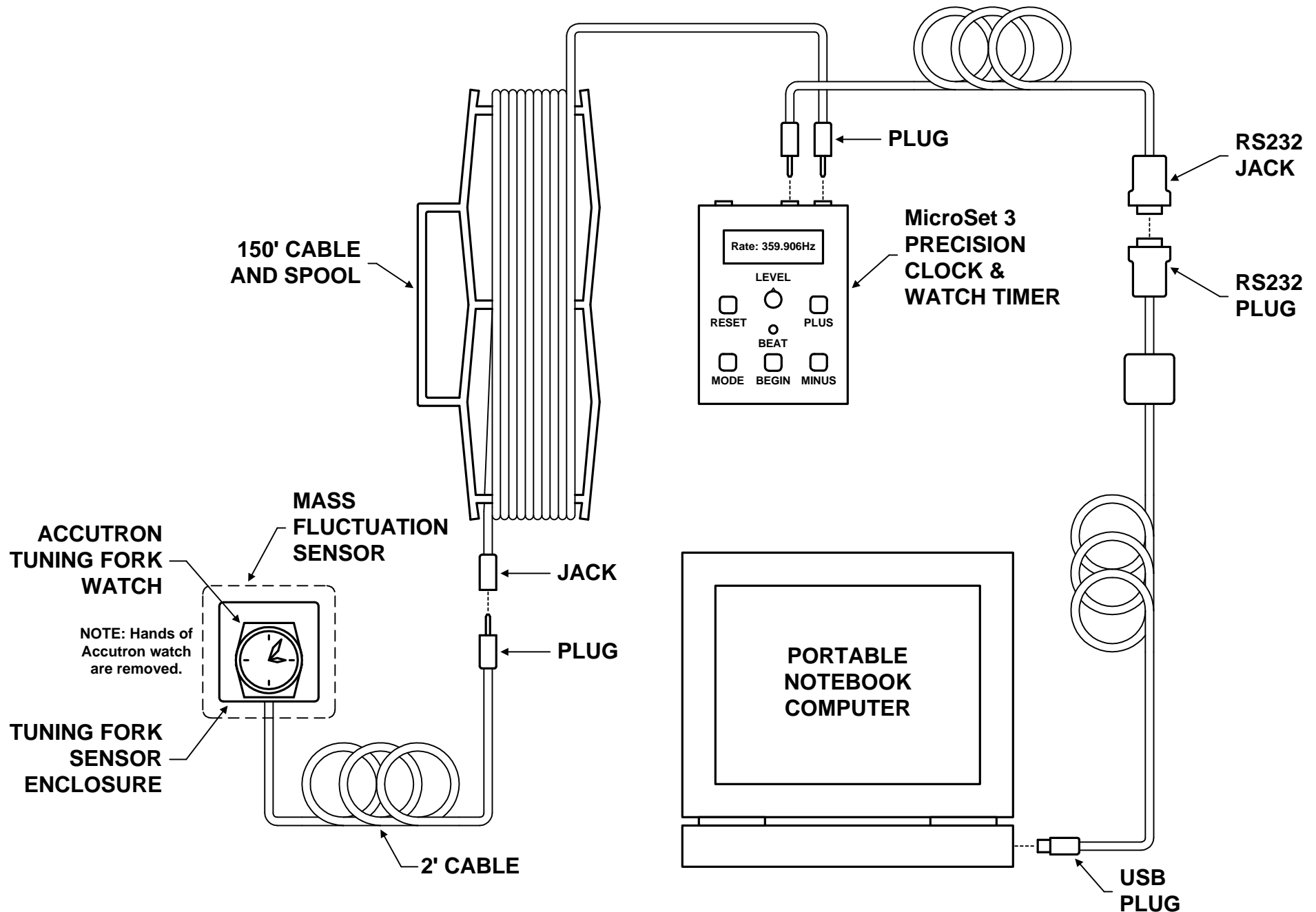
The diagrams published are currently, or have been under test by the author, and may be subject to modification after they have been published in this document.



NOTE: Hands of Accutron watch are removed.



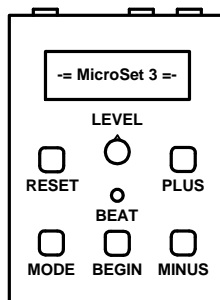
HOOKING UP THE SmartSPOT™ GRAVIMETRIC EXPLORERS KIT



SETTING UP THE MicroSet 3 PRECISION CLOCK & WATCH TIMER

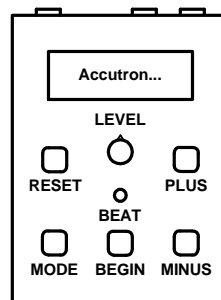
STEP 1

**CONNECT
ACCUTRON
MASS
FLUCTUATION
SENSOR TO
MicroSet 3**



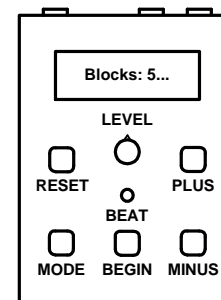
Turn on the MicroSet 3 by setting dial to about mid-level. "MicroSet 3" message is displayed.

STEP 2



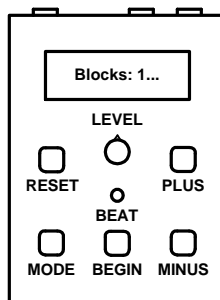
Press the MODE button five times. "Accutron..." message is displayed.

STEP 3



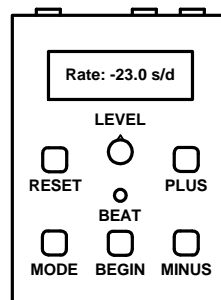
Press the BEGIN button once. "Blocks: 5..." message is displayed.

STEP 4



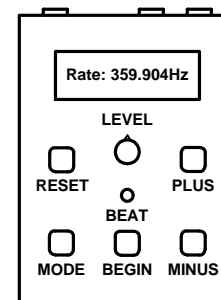
Press the MINUS button four times. "Blocks: 1..." message is displayed.

STEP 5



Press the BEGIN button once. "Rate: x.x s/d" message is displayed.

STEP 6

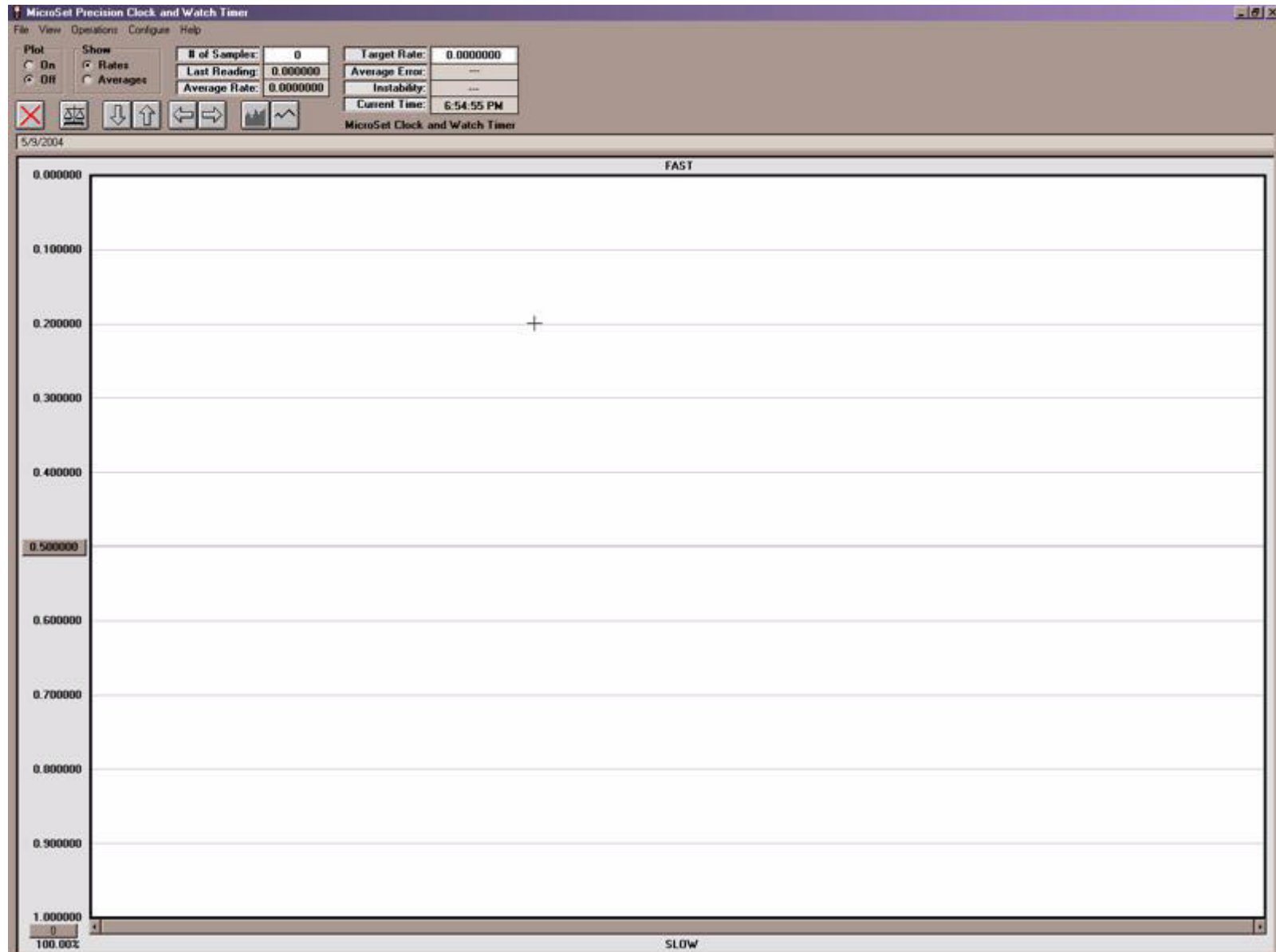


Press the MINUS button once. "Rate: 359.9xx Hz" message is displayed.

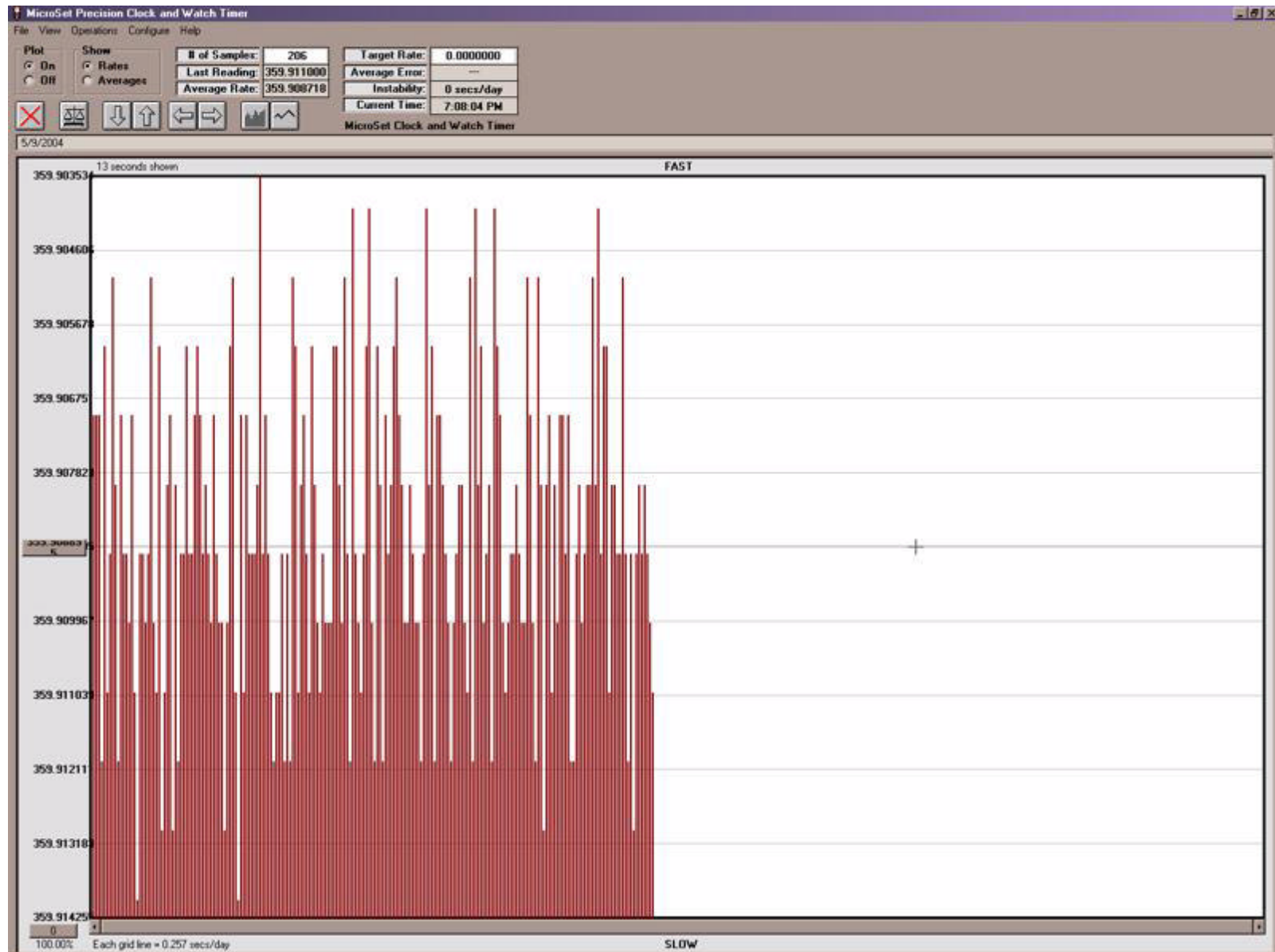
**SETUP OF
MicroSet 3 IS
COMPLETE**

SETTING UP THE MicroSet 1.2 SOFTWARE

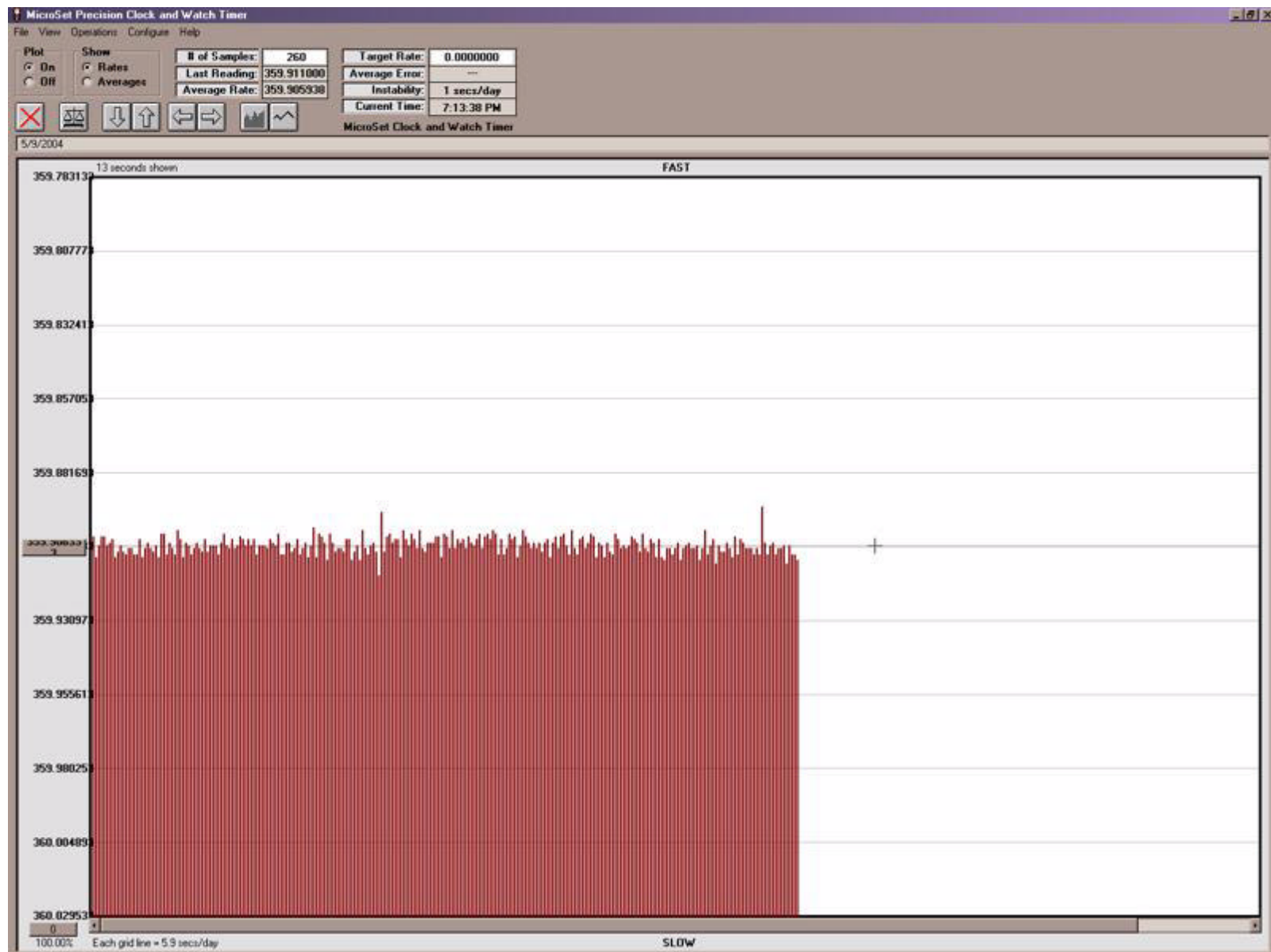
1. Connect the Accutron Mass Fluctuation Sensor and setup the MicroSet 3.
2. Start the MicroSet 1.2 program. See the opening screen below.



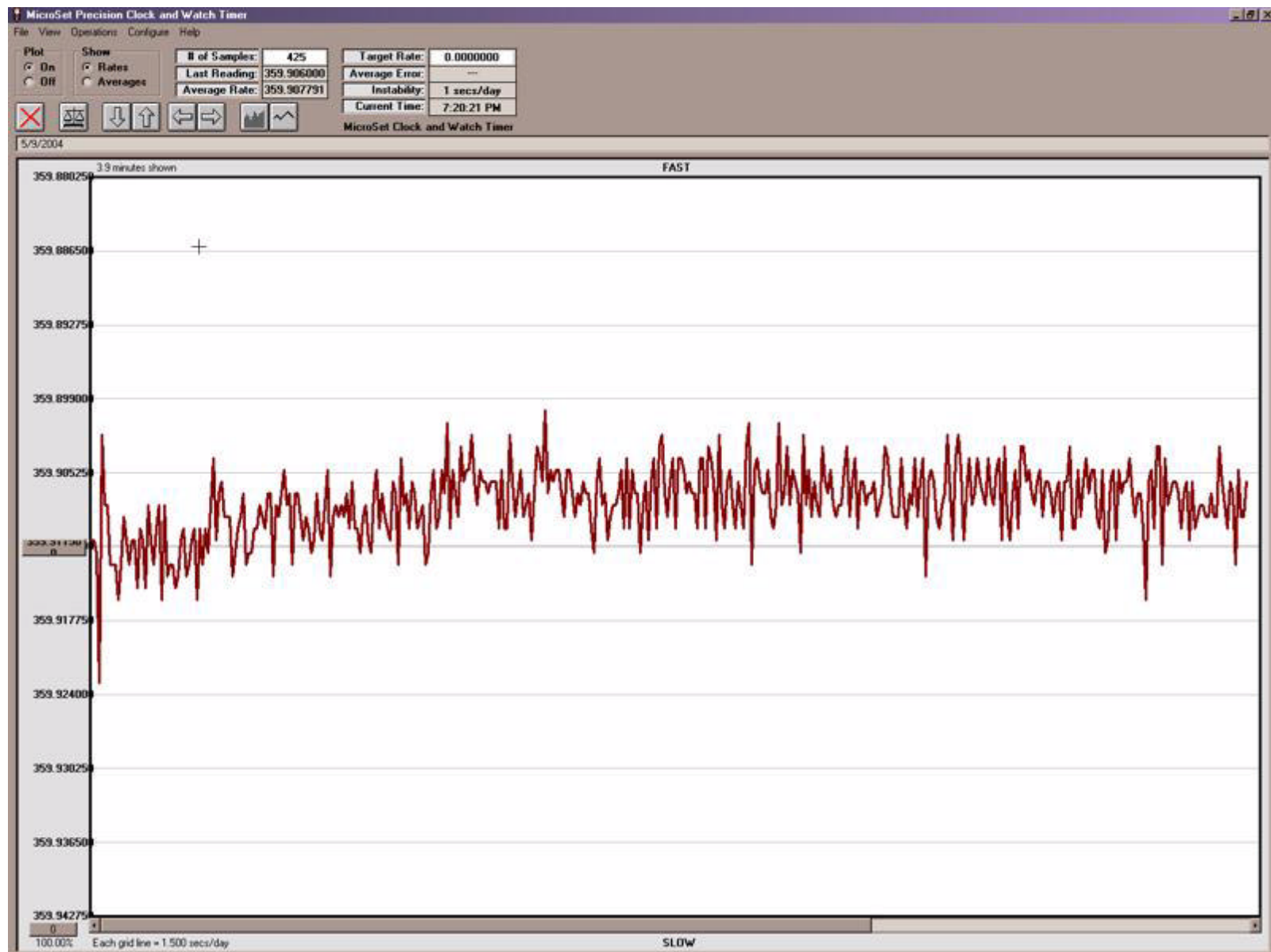
1. In the "Plot" group, select the "On" button.
2. Press the "Autoscale" button.
3. Sampling of data begins and displayed on the screen below.



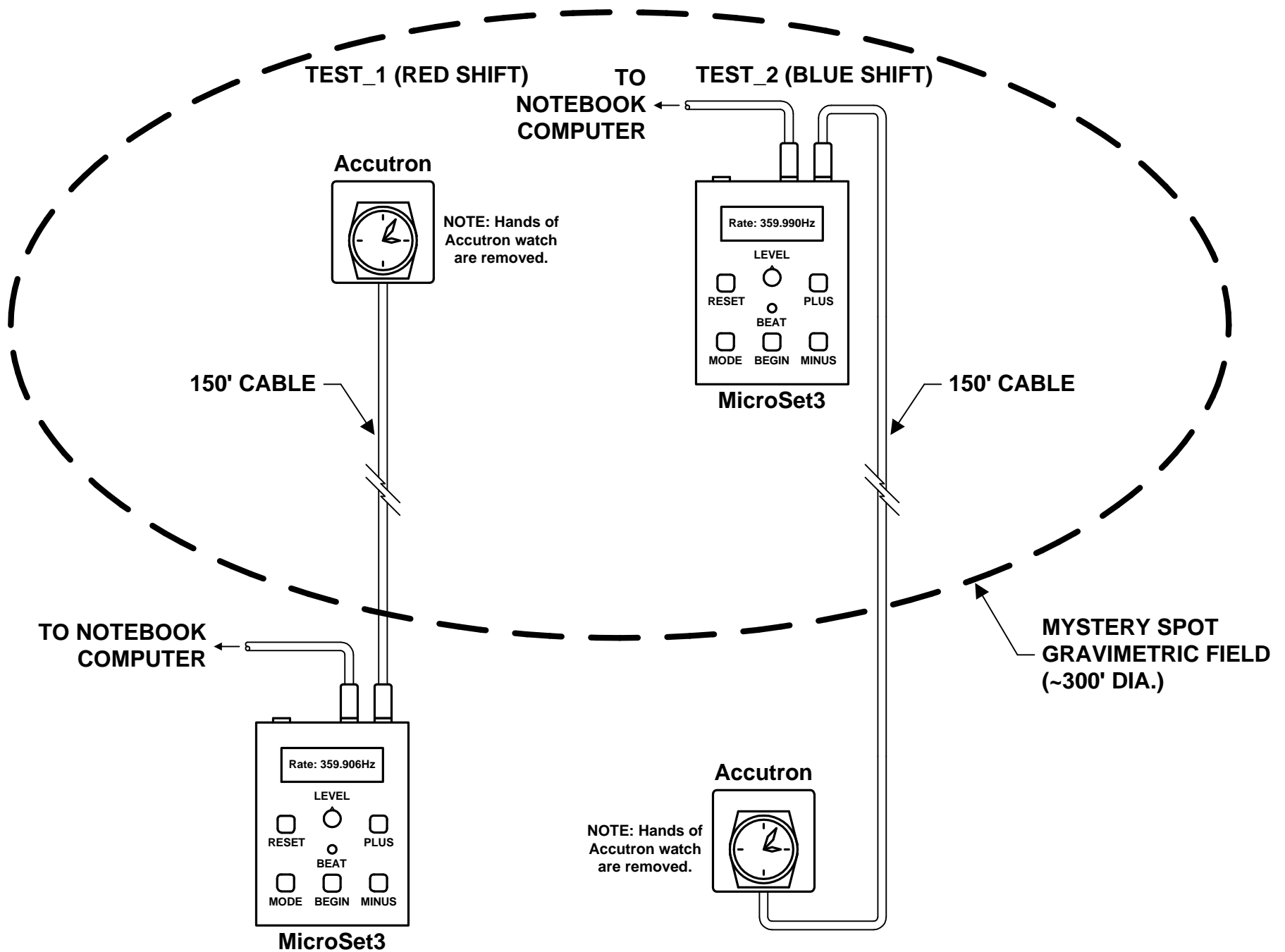
1. Adjust the scaling on the left by pressing the "Compress vertical scale" button.



1. To change the type of graph, press the "Show line graph" button.



TYPICAL FIELD APPLICATION



TYPICAL LAB APPLICATION

