

BLM-AM7030
Operator's Manual

Table of Contents

Section 1: Installation	1
Installation.....	1
Running BLM-AM7030 for the First Time	1
Section 2: Configure Calibration.....	2
Section 3: BLM-AM7030 Main Page	3
Machine Name and Operator Name	3
Date and Length.....	3
Menu and Tool buttons	4
Section 4: Calibration Report	5
Section 5: Com Port Selection	6

Section 1

Installation

Installation

Although the BLM-AM7030 software creates a number of files when it is run, there is only one file needed for installation. To install the BLM-AM7030 software, create a directory on the C: drive named C:\BLM-AM7030 and copy the file named BLM-AM7030.exe to that directory.

To run BLM-AM7030, click Run on the Windows Start Menu and select C:\ BLM-AM7030\ BLM-AM7030.exe, double click C:\ BLM-AM7030\ BLM-AM7030.exe from within Windows Explorer, or create and use a shortcut on the Windows desktop.

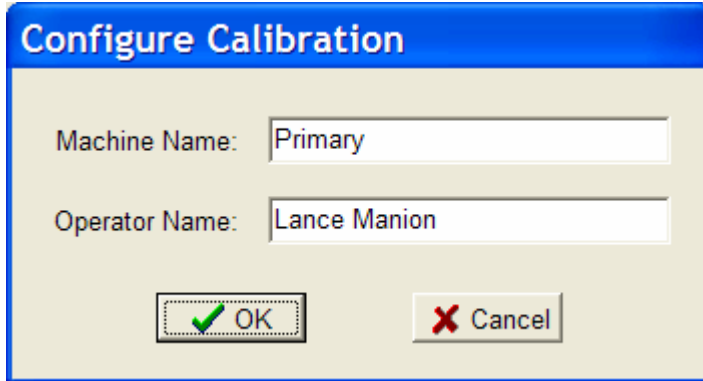
Running BLM-AM7030 for the First Time

The first time BLM-AM7030 is ran, the communication port is defaulted to Com Port 1. Be sure to select the number of the Com Port to which the counter is attached.

Any changes made to the BLM-AM7030 Com Port selection will be saved to disk and retrieved the next time BLM-AM7030 is run.

Section 2

Configure Calibration



Configure Calibration

Machine Name: Primary

Operator Name: Lance Manion

OK Cancel

The Configure Calibration window is displayed each time the program is started and when New Calibration is clicked from the Main Page.

- | | |
|----------------------|--|
| Machine Name | Enter the name of the machine. |
| Operator Name | Enter the name of the person performing the calibration. |
| OK | Click OK to accept changes and start a new calibration. |
| Cancel | Click Cancel to discard any changes. |

Section 3

BLM-AM7030 Main Page



Machine Name and Operator Name

The current user specified machine name and operator name are displayed at the bottom of the Main Page.

Date and Length

The current date is displayed in the upper left hand corner of the data panel.

The current length transmitted by the counter is displayed in large numbers. This value is updated twice a second.

Menu and Tool Buttons

To access the BLM-AM7030 Menu, click Menu in the upper left hand corner of the Main Page. Tool Buttons, provided for most of the Menu items, are located along the top of the Main Page.

New Calibration Click New Calibration to configure and start a new calibration.

Record Click Record to record the current length value. After the Record button has been clicked for the third time in a calibration, the Calibration Report will be displayed.

Com Port Click Com Port to select the Com Port for communication with the counter.

Exit Click Exit to exit from BLM-AM7030.

About Click About to display the BLM-AM7030 version information.

Section 4


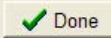
Calibration Report

Calibration Report

Date: 09-16-03
Time: 11:48:30
Machine Name: Primary
Operator Name: Lance Manion

Length #1: 1477.25
Length #2: 1478.96
Length #3: 1482.41

Average: 1479.54
Std Dev: 2.63

 Save  Done

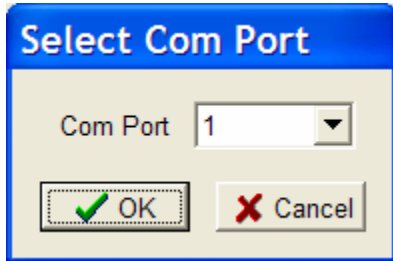
The calibration report contains header information (i.e. date, time, machine name, and operator name), the three recorded length values, the average of the three length values, and the standard deviation of the three length values.

Save Click Save to specify a filename and save the report.

Done Click Done to when finished viewing and saving the calibration report.

Section 5

Com Port Selection



Click Com Port on the Main Page to display the Select Com Port window.

The Com Port selection is saved to disk and retrieved the next time BLM-AM7030 is run.

Com Port Specifies the Com Port of the PC to which the counter is connected.

OK Click OK to accept changes.

Cancel Click Cancel to discard changes.