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**REVISION HISTORY**

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**MANUAL, QUICKSTART GUIDE, EX1401**

ENGR	P. Wittibschlager	CHECKED	F. GenKuong	DOC No.	<b>82-0156-100</b>			REV	<b>A</b>
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# 1 Purpose

This document provides instructions on how to produce (print) the EX1401 Quick Start Guide.

# 2 Scope

This document should be used by the printer as a reference guide when printing the EX1401 Quick Start Guide.

# 3 Instructions for printing

- 3.1 The source file for the printing is a large bitmap image, filename: 82-0156-100\_A.bmp.
- 3.2 The print is to be done on a single sheet of paper, 8.5" x 11".
- 3.3 The print is to be done in "portrait" mode, on both sides, as shown in the picture below.
- 3.4 The print is to be done in color, matching the bmp image as closely as possible.
- 3.5 The bitmap image is to be printed "best fit" but do not change the aspect ratio.
- 3.6 Maintain reasonable margins around the edges.

Side 1

**EX1401 Quick Start Guide**  
82-0156-100 Rev A

**1. Unpack Box**  
Open and unpack the box of the EX1401. The following items should be inside:  
- EX1401 (70-0626-000)  
- Quick Start Guide (This Document)  
- VTI CD/DVD (72-0030-000)  
- AUX Power Adaptor (56-0739-000)  
- GND Cable (53-0070-072)

**2. Connect to Power**  
Connect the Ethernet cable to the back of the EX1401. If your Ethernet switch is not PoE+, also connect the AUX power cord. Connect the GND cable from the unit to Earth GND.

**3. Power On**  
Locate the power switch of the EX1401. Turn it on.

**4. Insert Thermocouple**  
Apply a thermocouple (TC) or voltage signal using a mini TC plug to the front of the EX1401.

Side 2

**AMETEK**  
Manual and driver available on DVD or at [www.vtiinstruments.com](http://www.vtiinstruments.com).

**5. Connect to WebSFP**  
Wait for the unit to fully boot. Then, locate the IP address of the unit on the LCD.  
Type the IP address on a web browser address bar on your computer. This will connect to the unit.

Select SFP Cards from the menu.  
Click on **inst0**.  
The WebSFP should now open and should look like this:

**6. Acquire Data**  
1. Select the correct channel(s)  
2. Select the function type  
3. Select the correct TC type for temperature  
4. Set sample rate  
5. Click Initiate Measurement  
6. Wait for the State box to change from Measuring to Idle  
7. Choose Download Records From FIFO from the dropdown menu under Plot Type  
8. Click Plot Next FIFO Record

**7. Data plotted here**

Channel	Function	Range	TC Type
CH1	Temperature	0.000	°C
CH2	Temperature	0.000	°C
CH3	Temperature	0.000	°C

1	2	3	4
Download	Download	Download	Download