Data Thermometer Quick Start Guide

1. Install batteries.

Battery Compartment

Retaining Screws

Gasket
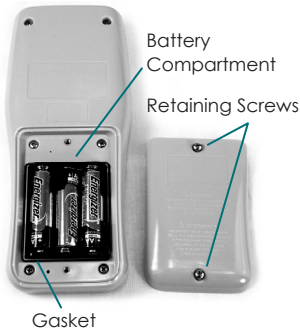
Battery Installation
Remove the two (2) battery compartment retaining screws and the battery compartment cover on the back of the instrument. Install three (3) AA 1.5 V batteries (supplied with new instrument). Be sure the battery compartment gasket is properly installed and replace the battery cover.

2. Press 🔘 to turn the instrument on.

3. Connect a compatible temperature probe to the Channel 1 and/or Channel 2 input connector located at the top of the instrument.

4. Set the desired thermocouple type and temperature units as follows:

  a. Enter **Setup Menu** by pressing (SET) – hold key down for approximately 1.5 seconds, and then release it;

  b. The **Active Thermocouple Type** will flash on the display. Use ⌃⌄ to select the thermocouple type of the connected temperature probe (B, E, J, K, N, R, S, or T);

  c. Press (do not hold) (SET) to save selection and move to next parameter;

  d. The **Active Temperature Unit** will flash on the display. Use ⌃⌄ to select the desired temperature unit (°C, °F, or K);

  e. Press (do not hold) (VIEW) to save selection and exit Setup Menu.

5. To begin collecting temperature data that will be stored in the thermometer's onboard memory, press (DATA) .

Recording Temperature Data

The TEGAM Mobile App provides convenient two-way communication between your TEGAM Data Thermometer and compatible Bluetooth® low energy technology / version 4.0 mobile devices. The TEGAM Mobile App duplicates the Data Thermometer display for easy monitoring from up to 30 feet away, and provides real-time measurement charting for both channels. See **Figure 1** below for a description of the mobile app user interface.

The TEGAM Mobile App is also the gateway to the **TEGAM Cloud™** (tegamcloud.com), where you can save, store, review, analyze, and download, all your measurement data. Once created, your account on the TEGAM Cloud can be personalized to meet your organization's needs with user-created locations, custom data filtering, and measurement charting.

Both the TEGAM Mobile App and TEGAM Cloud are provided free to **TEGAM** customers for use with TEGAM Data Thermometers. If your organization has specific or unique data storage, interface, or security requirements, please contact TEGAM to discuss TEGAM Cloud customization options.

←	Open or close the mobile app menu
Inter-face	View real-time measurement data
	Control most Data Thermometer features
Logging	View instrument connection state, model, serial number, and the active user account and location
	Manually record a temperature measurement
Chart	Real-time chart of current temperature measurement for each active channel
Clock	View instrument connection state and current mobile device date and time
	Manually set instrument date and time from user-input date and time
	Automatically set instrument date and time from mobile device time
Pairing	View available Data Thermometers
	Pair mobile device to Data Thermometer
	Clear pairing to a paired Data Thermometer
Account	View or change current account information
Create Account	Create a new user account on the TEGAM Cloud

Figure 1: TEGAM Mobile App User Interface Description

To connect to the TEGAM Mobile App using the default account:

The TEGAM Mobile App is initially set to save data to a default TEGAM Cloud account, the **TEGAMUser** account. This is a public account accessible by all TEGAM Data Thermometer users, and should not be used for production measurement data. Before saving critical or sensitive temperature data, create a personalized account with a strong password through the mobile app or TEGAM Cloud.

1. Before beginning, ensure your mobile device is Bluetooth low energy technology / version 4.0 compatible and has an active internet connection;

2. Visit the Google Play™ store or iTunes and search for *TEGAM Thermometer Link* to download the TEGAM Mobile App;

3. Install the mobile app to your device and accept the license agreement and permissions requests;

4. Verify that Bluetooth communication is active on your mobile device;

5. On your Data Thermometer, press ✳ to turn Bluetooth communication on;

   The display Bluetooth icon will flash, indicating the instrument is in pairing mode.

6. On the mobile app, touch ⬅ and select **Pairing**;

7. In the displayed list of available instruments, touch the entry that corresponds to your Data Thermometer's MAC address (located on back of instrument) and touch **Yes** in the resulting dialogue box;

   The display Bluetooth icon will steadily illuminate, indicating the instrument is paired to the mobile device.

8. Touch ⬅ and select **Interface** to monitor real-time temperature measurements and to remotely control your Data Thermometer;

9. Touch (DATA) on the mobile app, or press (DATA) on your Data Thermometer, to begin automatic data collection at the programmed measurement acquisition interval (default is 10 S).

To access the TEGAM Cloud and view saved measurement data:

1. Go to tegamcloud.com;

2. Click **Login** on the home page; This opens a user/password window;

3. Click **Login** to accept the pre-filled user name and password, and access the default **TEGAMUser** account;

   If a personalized user account has already been created for your organization, enter the appropriate username and password to access that account.

4. Click **View Data** to access your saved measurement data;

5. Click **Select Device** and choose your Data Thermometer's serial number from the drop-down list;

6. Click **Create Chart** to display your saved measurement data.

CONGRATULATIONS!
YOU'RE READY to make and record accurate temperature measurements, wherever and whenever you may need to.

This quick start guide is just the beginning. Please visit **tegam.com** to download the Operation Manual and learn all the features and benefits of your new TEGAM Data Thermometer.