

QuadraTherm 640i/780i

This Quick Start Guide is applicable for QuadraTherm® 640i/780i qMix™ activation for units with Serial numbers 339590 and greater. This guide is designed to give you an overview on how to activate your qMix™ license for your 640i/780i by either purchasing a qMix license upfront or in the field for existing customers. To get more detailed information on qMix activation and how to use qMix, please refer to the qMix manual at www.sierrainstruments.com/downloads/qmix.

Note: For QuadraTherm flow meters with serial numbers 339589 or lower, please visit Sierra Instruments Documents & Download Archive page to access the activation guide applicable for your device.

Upfront Purchase of a qMix License

The recommended way to activate the qMix app for your QuadraTherm 640i/780i is to purchase a license per serial number at the time of purchase by using the model code “qMix” (one license per serial number). With upfront purchase, the qMix app for your serial number will be completely activated and set up in the factory. You will have use of qMix on that particular meter for unlimited gas mix creations and uploads. Once you receive your meter with the activated qMix license, you can create custom gases in just a few simple steps:

1. Download the most current version of 640i/780i Smart Interface Portal (SIP) software onto your computer: www.sierrainstruments.com/640i-780i-SIP
2. Power up your meter and connect your 640i/780i to your computer using USB, RS-232 or USB/RS-232 converter
3. Open the SIP software on your computer and select COM port
4. Enter PW 0000 when prompted
5. Click the “qMix Gas Composition” button to start creating custom gas mixtures (See Figure 1).

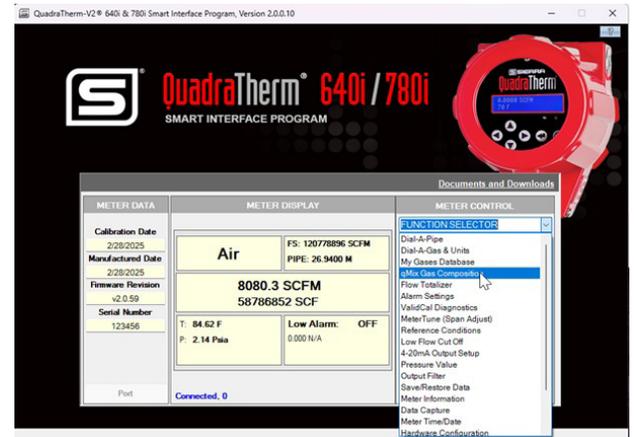


Figure 1: Main 640i/780i SIP Screen / Firmware Version in Meter Data Section

Existing Customers: Purchase qMix License for Meters Already in the Field (Firmware 2.0.59 or higher)

To upgrade an existing QuadraTherm 640i/780i meter with qMix in the field, you must purchase and activate a qMix license (one per serial number).

Activation Steps

1. Download the most current version of Smart Interface Portal (SIP) software. Your SIP will also notify you to download the most current version of SIP. Download SIP Software here. www.sierrainstruments.com//640i-780i-SIP
2. Power up your meter and connect your 640i/780i to your computer using USB, RS-232 or USB, RS-232 converter
3. Open the SIP software on your computer and select COM port
4. Click the “qMix Gas Composition” button (See Figure 1)
5. The qMix Activation window will appear. Call Sierra’s Application Engineers at 1-800-866-0200 ext. 2 to purchase a qMix license (see Figure 2).
6. The Sierra engineer will generate a qMix activation key. Copy and paste the qMix Activation key into the textbox and click the “Start qMix” button to start creating custom gases (See Figure 1 and 2)

Once the qMix software app is activated for a meter serial number, you will have use of qMix on that particular meter for unlimited gas mix creations and uploads.

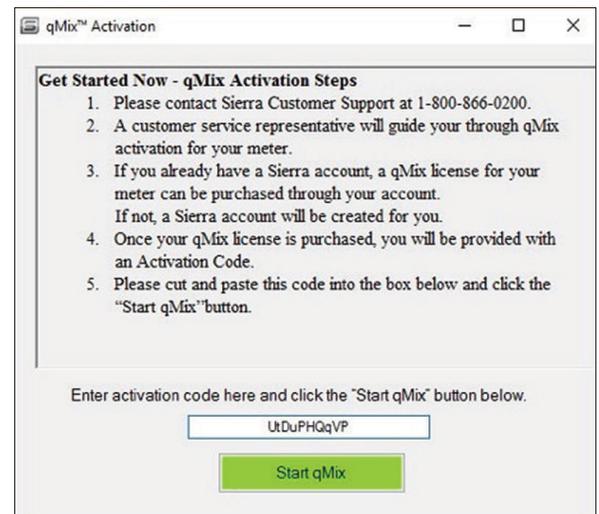


Figure 2: qMix Activation Screen