



QuadraTherm 640i / 780i qMix™



qMix™ Gas Mixing Feature

Create Custom Gas Mixtures in the Field and
Retain Measurement Accuracy Without Recalibration

Instruction Manual

Part Number: IM640i-qmix Rev.V6
June 2017

The screenshot shows the 'qMix Gas Composition' software interface. At the top, it says 'Empowering Your Flow Meter to Do More! Create Gas Mixtures, Upload Them to Your Meter, Get Accuracy...'. The interface is divided into three main sections:

- Gas Database:** A list of gases with their formulas. Common gases include Argon (Ar), Carbon Dioxide (CO2), Helium (He), Nitrogen (N2), Sulfur (S2), Oxygen (O2), Hydrocarbons (LH4), Ethane (C2H6), Ethane (C2H4), and Methane (CH4).
- Create Gas Mix:** A table for defining gas mixtures. It has columns for percentage (%) and gas name. One entry is shown: 33% Carbon Dioxide. Below the table are buttons for 'Normalize Composition', 'Total: 100 %', 'Save Mix', and 'Transfer Gas Mix'.
- My Cases:** A table for saving and managing gas mixtures. It has columns for Name, Type, and Comment.

A red flow meter device is overlaid on the right side of the screenshot.

