To get maximum performance from the LI-7000 or LI-7500, it is important that both the CO₂ and H₂O channels are properly calibrated. Zero and span settings should be checked on a regular basis to ensure that the highest level of performance is maintained. While the CO₂ channel can easily be checked with compressed gas standards, H₂O is much more difficult because standard concentration tanks for water vapor are not available.

The LI-610 Portable Dew Point Generator was specifically developed to generate known water vapor concentrations for calibrating gas analyzers. The LI-610 can be operated in the lab with AC power (AC Module included) or it can be operated in the field with optional battery and battery charger.

The LI-7000DP Package includes the LI-7000 Closed Path CO₂ / H₂O Analyzer and the LI-610 Portable Dew Point Generator.

The LI-7500DP Package includes the LI-7500 Open Path CO₂ / H₂O Analyzer and the LI-610 Portable Dew Point Generator.

Options
For battery operation in the field, order the 6200B Battery and the LI-6020 Battery Charger. One 6200B Battery will operate the LI-610 for 2-4 hours, depending on ambient temperature.