



# Portable Deuterium Oxide Sampler

**Model: D<sub>2</sub>O-STA and D<sub>2</sub>O-FTA**

**D<sub>2</sub>O-S-TA Sampler  
with Display**

## Features

- Portable
- Detects Deuterium Oxide in Water
- Infrared Spectrometry
- Attenuated Total Reflectance (ATR)
- Touch Panel Display
- D<sub>2</sub>O-STA with TA Specific Software
- AC Power with Rechargeable Battery Back Up
- Quick-Snap Sampling Module
- 10-Year Laser Warranty
- Small and Lightweight
- Computer Interface
- **Optional:** Flow Through Feature—D<sub>2</sub>O-FTA

## Application

Water. Liquid, or Gas sampler for Deuterium Oxide concentration. Use in a lab, NPP, glovebox, fume hood, etc. Model D<sub>2</sub>O-STA has a 10 year-warranty on defects on parts or laser.

## Description

- Easy setup.
- No sample preparation required.
- Measures quantity of regular water mixed with heavy water (Deuterium Oxide).
- Small size allows positioning inside glove box or fume hood.

Technical Associates provides and supports a portfolio of fully integrated solutions for accurate analysis of liquid gas and solid substances including the optimal analytical FT-IR technology to identify, measure, categorize substances in many applications such as R&D, QC and process control.

FT-IR spectrometers offer many advantages over other analysis techniques. Most importantly, a drastic reduction of the time needed for data acquisition, component specificity and sensitivity.



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