

EFTS

Electronic Flow-Through Sampler

The **Kaldera EFTS** is a downhole electronic tool designed for secure fluid sampling in high-pressure, high-temperature wells. It enables precise sample capture during wireline operations by allowing well fluid to flow through its chamber until a programmed time triggers valve closure. Built for extreme environments, the EFTS integrates Kaldera's heat shield technology and operates seamlessly with the Kaldera software platform for configuration and control.

Key Benefits

- **Secure Sampling:** Captures fluid samples under extreme pressure and temperature
- **Programmable Control:** Fully programmable timing for precise sample capture
- **Field-Ready Design:** Rugged construction with high-temperature seals and heat shield



Core Features

- Fully programmable electronic timer
- AA alkaline battery pack
- Standard Kaldera heat shield for thermal protection
- Operates with Kaldera software platform for setup and control
- Spring-loaded valves with latching mechanism for wireline operations
- Removable bull nose with entry ports for fluid flow

Specifications

- **Timing Options:** 60, 90, 120, or 180 minutes
- **Temperature Range:** Up to 3 hrs @ 300 °C (600 °F)
- **Maximum Pressure:** 8,500 psi
- **Capacity:** 1,200 cc
- **Length:** 112" (285 cm)
- **Diameter:** 1.75" / 2-1/8" OD (45 mm / 54 mm)
- **Seal Material:** Metal C-Ring / HT O-Ring
- **Material:** Stainless Steel 17-4 PH (NACE MR0175)
- **pH Range:** 2.9 - 9

Supplies & Accessories

- EFTS Field Kit (includes 2 Transfer Heads)
- Spare Parts Kit
- Carrying Case