



**ADVANCED TECHNICAL SERVICES GmbH**  
**Switzerland**



### **ATS 300GM FLUOROMETER**

The new ATS 300GM Fluorometer, a fluorescence based instrument, is the ideal uranium **high sensitivity** analyzer for critical prospecting, environmental testing and clinical analysis, as it can detect traces of uranium down to a parts-per billion level! The ATS 300GM is a dedicated fluorometer for uranium analysis and has specially been developed to provide laboratories with an analyzer that is simple to use, yet offers very fast, very accurate and repeatable analyses; it will also be of great assistance in the implementation of international laboratory standards such as GLP. This versatile instrument is the ideal tool for geological, environmental studies, pollution control and health checks for people in high risk environments.

#### **Typical Analysis:**

- Uranium in phosphate rocks, shales, and natural waters (both saline and non-saline), etc.
- Evaluation of solvent losses in extraction circuits and waste water quality control.
- Uranium in blood, bone, liver, spleen, and tissues.
- Uranium in industrial fumes and dust. Air pollution studies.
- Screening test for personnel working in radio-active contamination environment.
- Environmental protection, uranium in water, rivers, wells, underground water, food, etc.

#### **Models ATS/37007 and ATS/37008**

- Covers ranges from ppm down to below 10 ppb,
- A special module allows to measure down to 0.1ppb (optional)
- Calibration: Zero and single high point calibration done automatically.
- No isolating optics to focus, align or to clean.
- High speed and stability: typically 5 seconds measuring cycle
- High precision: 1% C.V at 100 ppb.
- Easy-to-read LCD/LED display with green backlight, 4 lines, 20 characters dot matrix.
- Soft-key operation! 4 Soft-keys allow to navigate the menu and execute commands.
- Greater accuracy through automatic zero and background setting.
- Connects to PC via RS232 and **ATS FluoroSoft™** software
- HP laptop included.

Model ATS/37007: for 230VAC, 50/60Hz

Model ATS/37008: is identical to ATS/37007, but for 110VAC, 60Hz

Dimensions and Weights: 420L X 280W X 380H mm; Net 9 kg

Due to our policy of continuous product development, we reserve the right to deviate from standard specifications and appearance without notice.

ATS/370078x5

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