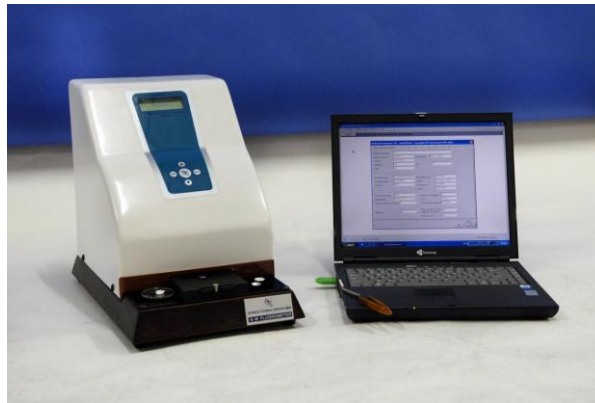




**ADVANCED TECHNICAL SERVICES GmbH  
Switzerland**



**ATS 300GM FLUOROMETER** is a fluorescence based instrument, is the ideal **general purpose** uranium analyzer for critical prospecting, environmental testing and clinical analysis, as it can detect traces of uranium down to a parts-per million 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 environmental studies, pollution control, etc.

*The new ATS 300GM Fluorometer follows the Jarrell-Ash G-M Fluorometer's original design; it has now been re-engineered with new improved technology for easy operation, added safety, and speed of user interface.*

**Typical Analyses are:**

- Environmental protection
- Energy sector, industrial waste, soil, sediments, etc.

**Models ATS/37011 and ATS/37012**

- Covers a wide range from better than 1ppm to over 200ppm
- 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.
- Supplied with PC Laptop with ATS FluoroSoft™ Software installed (requires A4 printer)
- With RS232 port for PC connectivity
- With USB high speed communication link.
- A printer permits analysis to be printed out (using optional strip printer if PC is not used)
- ATS FluoroSoft™ Software on CD-ROM.

Model ATS/37011: for 230VAC, 50/60Hz

Model ATS/37012: is identical to the ATS/37011 – 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/371112x6

**ADVANCED TECHNICAL SERVICES GmbH**

P.O. Box 1411, CH-6301 Zug

Tel: ++41 44 932 6707, Fax: ++41 44 932 6714

[www.ats-technology.com](http://www.ats-technology.com)

**World Marketing Center**

P.O. Box 14207, 2155 Nicosia - Cyprus

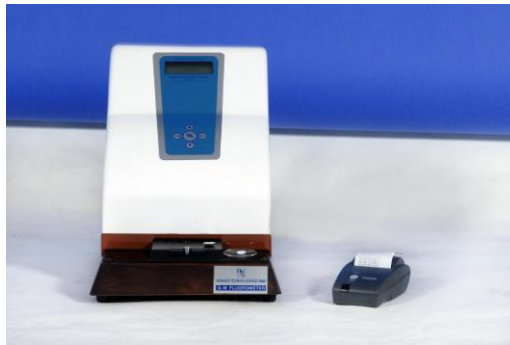
Tel: ++357 22 426 269, Fax: ++357 22 426 458

[info@ats-technology.com](mailto:info@ats-technology.com)

///



**ADVANCED TECHNICAL SERVICES GmbH  
Switzerland**



**ATS 300GM FLUOROMETER** is a fluorescence based instrument, is the ideal **wide range** uranium analyzer for critical prospecting, environmental testing and clinical analysis, as it can detect traces of uranium down to a parts-per million 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, etc.

*The new ATS 300GM Fluorometer follows the Jarrell-Ash G-M Fluorometer's original design; it has now been re-engineered with new improved technology for easy operation, added safety, and speed of user interface.*

**Typical Analyses are:**

- Uranium in ores, including autunite, brannerite, carnotite, davidite, pitchblende, tobernite, tyuyamunite, and uraninite. Also concentrates and tailings.
- Uranium in lignites, phosphate rocks, shales, and natural waters (both saline and non-saline).
- Energy sector, industrial waste, soil, sediments, etc.
- Screening urine test for personnel working in radioactive environments.
- For environmental protection, uranium in water: rivers, wells, underground water, food, etc.

**Models ATS/37009 and ATS/37010**

- Covers a wide range from below 1ppm to over 800ppm
- 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.
- With RS232 port for PC connectivity (requires, but does not include PC).
- With USB high speed communication link.
- A printer permits analysis to be printed out
- ATS FluoroSoft™ Software on CD-ROM (optional).

Model ATS/37009: for 230VAC, 50/60Hz

Model ATS/37010: is identical to the ATS/37009 – 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/3700910x6

**ADVANCED TECHNICAL SERVICES GmbH**

P.O. Box 1411, CH-6301 Zug

Tel: ++41 44 932 6707, Fax: ++41 44 932 6714

[www.ats-technology.com](http://www.ats-technology.com)

///

**World Marketing Center**

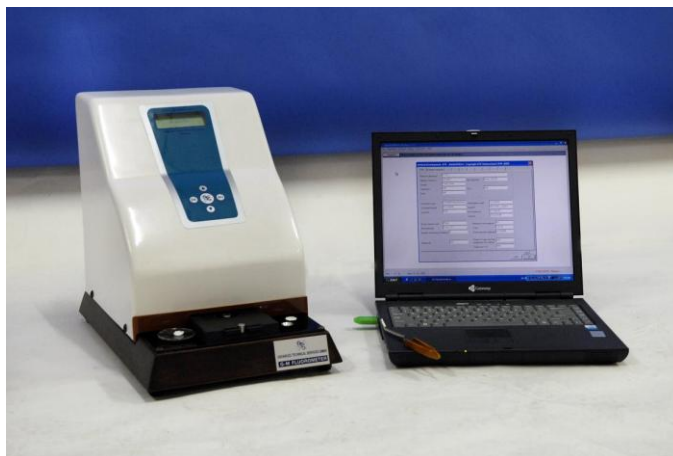
P.O. Box 14207, 2155 Nicosia - Cyprus

Tel: ++357 22 426 269, Fax: ++357 22 426 458

[info@ats-technology.com](mailto:info@ats-technology.com)



**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

**ADVANCED TECHNICAL SERVICES GmbH**  
P.O. Box 1411, CH-6301 Zug  
Tel: ++41 44 932 6707, Fax: ++41 44 932 6714  
[www.ats-technology.com](http://www.ats-technology.com)

///

**World Marketing Center**  
P.O. Box 14207, 2155 Nicosia - Cyprus  
Tel: ++357 22 426 269, Fax: ++357 22 426 458  
[info@ats-technology.com](mailto:info@ats-technology.com)