

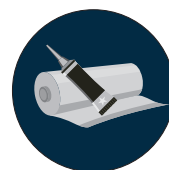


# Internal Standard and Dry Purge<sup>+</sup> ISDP<sup>+</sup>

Maximize the efficiency and performance of your TD analysis.



Environment



Material  
emissions



Versatile and fully automated solution for highly reproducible spiking of 3.5" TD tubes, including GERSTEL 3.5+ tubes, with liquid or gaseous standards as prescribed in international standard air monitoring methods. The fast and efficient dry purge function eliminates doubt when analyzing samples with high moisture content, while maintaining high throughput.

The GERSTEL ISDP+ provides both standard spiking and dry purge functions for 3.5" TD tubes including GERSTEL TD 3.5+ tubes. This system provides automatic, accurate and reproducible spiking of 3.5" TD tubes with both gaseous and liquid samples. The GERSTEL ISDP+ meet requirements and recommendations of standard TD methods, extending the scope of your TD analysis and making it more efficient.

#### Features and benefits of the GERSTEL ISDP+:

- Spiking of TD tubes
  - Choice of liquid or gaseous standards:**  
Use the system in a flexible manner for a wide range of applications without labor intensive operator interaction
  - Automated TD tube spiking with variable volumes:**  
Flexible use for validation, calibration, and QC standards for improved analytical quality and quality assurance
  - Spiking in sampling direction just before analysis or in batch mode:**  
Proven methodology that reduces analysis time with maximum flexibility
  - Automated generation of calibration series:**  
Automate almost the entire workflow for reproducible and reliable analysis
  - Leak test:**  
To avoid sample loss and erroneous results, a system leak test is performed
- Drying of TD tubes
  - Fast and efficient drying:**  
Collect and analyze samples with high moisture content while minimizing risk of negative impact on your analysis
  - Overlapping drying and analysis:**  
No loss of throughput thanks to parallel processing of the drying step during analysis of the preceding sample
  - Drying in sampling flow direction:**  
Proven method as prescribed in standard methods to minimize loss of analytes during drying

#### The GERSTEL ISDP+ has proven its worth:

- in a VOC analysis proficiency test in accordance with DIN ISO 16000-6
- for WOC analysis in accordance with U.S. EPA Method TO-17

Automate and upgrade your TD analysis with GERSTEL ISDP+ for a future-proof laboratory!



MAKING LABS WORK

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Management System  
ISO 9001:2015  
ISO 14001:2015

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