



PREMIUM ANALYSE

SAM HTO™

Membrane Separator

Membrane separator for physical separation of tritium HTO in all premises surveillance applications, stack monitoring or any other application.



FEATURES

- **Simple**
 - Integrated monitors
 - No user-handling required
- **Reliable**
 - Maintenance-free
 - Continuous measurement

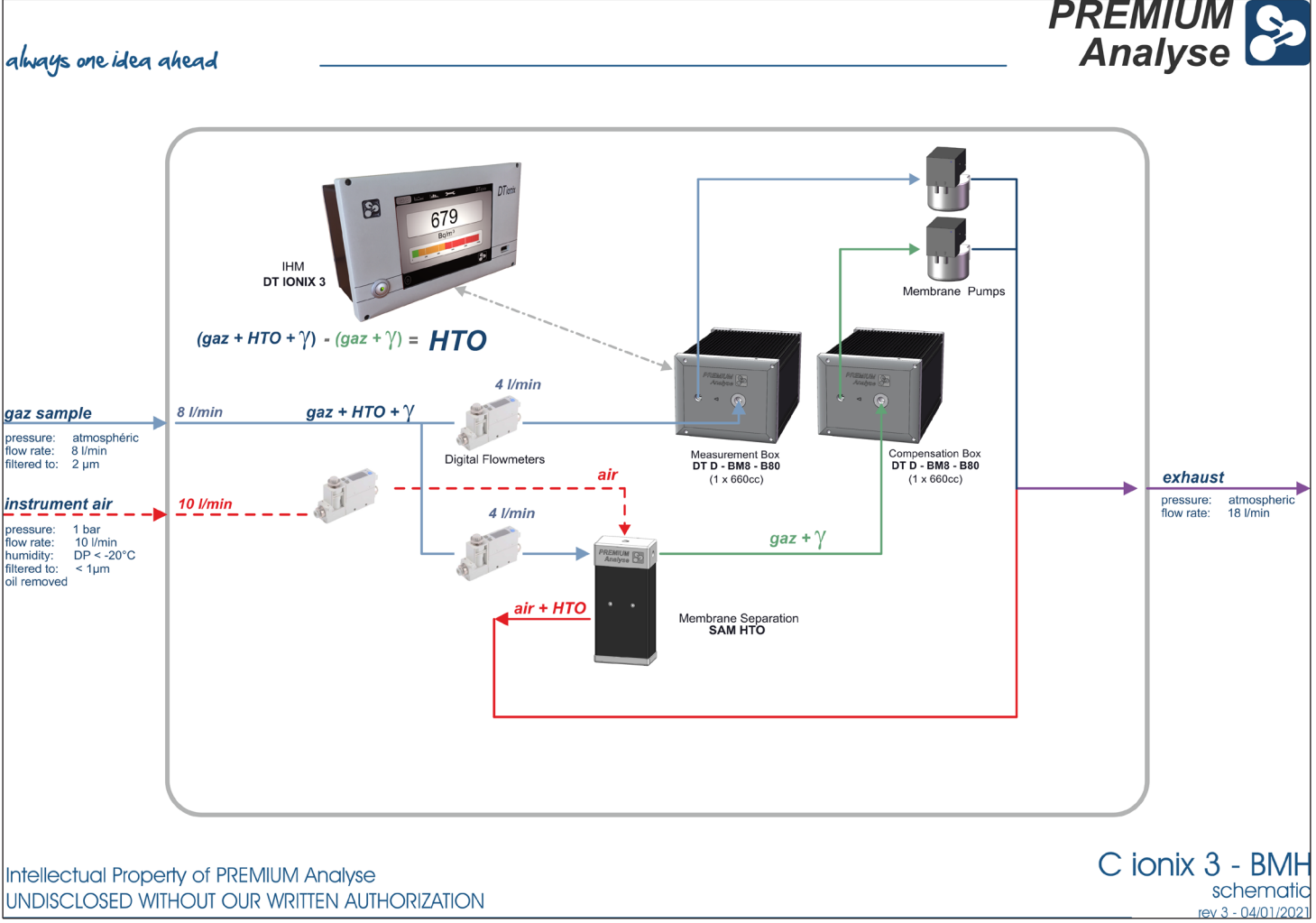
DESCRIPTION

The SAM HTO membrane separator enables the physical separation of tritium HTO from other gases. It allows the measurement of tritium activity in the form of HTO in a mix HT + HTO, or the measurement of noble gases activity from which HTO can be removed.

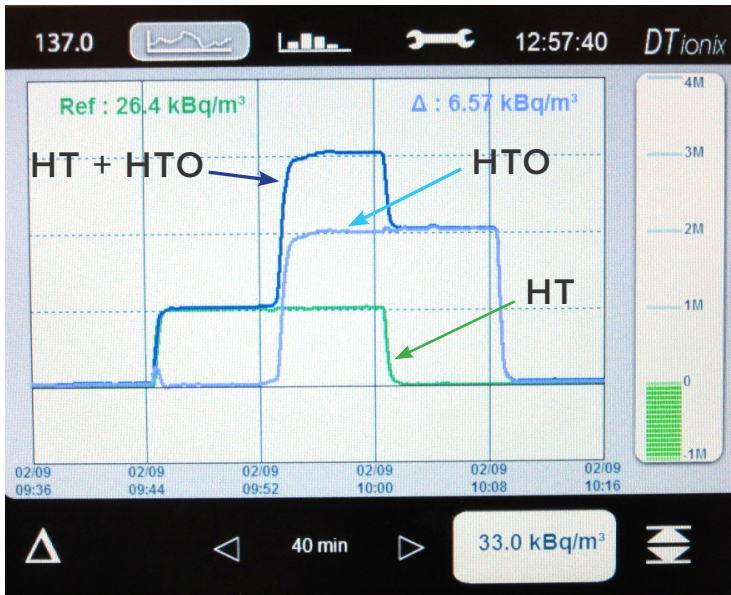
It is adapted for applications in stack surveillance as well as process monitoring.

With no need for replacement or maintenance, it does not create any waste, thus presenting a valuable alternative to currently existing solutions.

SCHEMATIC DRAWING



Schematic drawing of a C ionix 3 - BMH for the measurement of tritium HTO



Injection of 1 MBq/m³ (27 μCi/m³) tritium in the form of HT, then of 2 MBq/m³ (54 μCi/m³) of tritium in the form of HTO. The injection of HT is stopped, then injection of HTO is stopped as well.

CONTACT US

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always one idea ahead