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Системы отбора проб EPOS



Sampling from pipes, in the cabinet system and with piston injector:

RITAG Type EPOS® – Easy POsitive Sampling

The RITAG EPOS® sampling systems are of a modular design and offer a wide range of combination options for all requirements.

The EPOS® basic unit consists of 2 modules: the control unit and the housing in five variants. All EPOS® control units – hand wheel, "dead-man's" lever and pneumatic operation – are all equipped with spring-to-close hand wheel and close after each operation. Strong spring assemblies make sure of this; they cope with these tasks perfectly in conjunction with the standard components. All operating units are combinable with all housing variants. Furthermore, the

system can be combined with accessories like adapters, containment tanks, piston injector, heating jacket, laboratory bottles in various sizes and much more.

When the medium itself constitutes a seizable risk for the operator and / or the environment, or if the medium itself has to be protected from outside influences (e.g. oxygen injection), the EPOS® cabinet system and the EPOS® piston injector are to be recommended.

The EPOS® cabinet system has a special locking mechanism: the cabinet will stay locked during the sampling process and the bottle is sealed from the outside. After opening the door, the bottle can be safely removed. In addition, it is possible to rinse the bottle, as well as the cabinet system with nitrogen before any sampling takes place.

The large EPOS® piston injector has self-locking threading, which makes a rebound of the piston practically impossible in the injector under pressure. The large EPOS® piston injector closes itself off by means of a spring-to-close hand wheel after sampling has been completed.

- **Numerous combination possibilities**
- **No-dead-space design**
- **Bayonet sockets for quick accessories exchanges**
- **Five housing variants:**
 - **Flange design**
 - **Flange design, completely made from special alloys such as Titan or Hastelloy**
 - **Wafer design**
 - **Wafer design, made completely from special alloys, such as Titan or Hastelloy**
 - **Flange design for vertical mounting**
- **TA - Luft compliant version (also possible with a bellows-type seal)**
- **Stroke limiter, adjustable and sealable (for lever operation)**
- **Lockable controls**
- **Enclosure system for toxic media**
- **No-dead-space piston injector for toxic media**

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