Block digestion systems

KJELDATHERM

The compact KJELDATHERM block digestion systems allow for simultaneous multiple digestions. A precise temperature control permits the conditions for the digestions to be optimized thus providing reproducible results. The temperature control is provided by an external controller, which is included in the standard configuration.

Application

Digestion of any kind of sample for nitrogen determination according to Kjeldahl. Especially good for food and feed analysis with nitrogen contents in both: the micro and macro range.

Available models

The comprehensive product range of Kjeldahl models includes digestion systems for Kjeldahl digestions in 75 ml, 100 ml, 250 ml, and 400 ml tubes.

- **KJELDATHERM automatic**
  All automatic block digestion systems come complete with a temperature/time controller TZ. It ensures a fully automated digestion process, including lifting and lowering of insert rack and exhaust manifold.

- **KJELDATHERM basic**
  All basic block digestion systems come complete with temperature controller TR. Lifting and lowering of the insert rack and exhaust manifold is done by hand.
  Basic digestion block systems can be upgraded with a temperature-time-controller TZ (not part of the standard configuration) to enable the operator to define and store up to 9 different programs.

Recommended additions to TURBOTHERM:

- **Exhaust equipment TURBOSOG**
  Fumes from the Kjeldahl digestion process are removed, either by water jet pump (part of TURBOTHERM delivery scope) or by our powerful suction system TURBOSOG (to be ordered separately).

- **Distillation systems VAPODEST**
  The perfect combination for our KJELDATHERM program is the distillation range VAPODEST. All models are suitalbe for the distillation of Kjeldahl digestion solutions. All digestion glasses fit directly into the VAPODEST distillation systems.

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