



KJELDAHL ANALYZER

The Kjeldahl method first came into existence in 1883 and was developed by a Danish chemist named Johan Kjeldahl. This method was specifically developed for determining the nitrogen contents in organic and inorganic substances.

In today's world, Kjeldahl nitrogen determinations are used on several samples like wastewater, soil, fertilizers, meat, feed, grain, and many other substances. The method is also used for estimating the protein content in foods.

Kjeldahl Apparatus and Equipment

The Kjeldahl method was first conducted using stone fume hoods and gas mantles. A few years down the line, macro-Kjeldahl digestion, as well as distillation instrument, was developed and used. The setup consisted of Kjeldahl flasks also. There is a miniature version of the setup known as micro-Kjeldahl equipment which consists of smaller sized units.

In recent years, the equipment has further gone through some significant changes and aluminium or ceramic heating blocks are used. This setup can even accept several straight digestion tubes at once. In addition, "Block digesters" are used alongside benchtop distillation units with steam generators in-order to decrease the distillation time. The equipment is mostly made of corrosion-resistant materials.

Torontech is a leading source for modern Kjeldahl Analyzers on the market today and our range of Kjeldahl apparatus models include the following:



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