

# TZL-1 BENCH TOTAL PHOSPHORUS TESTER



## Overview:

Phosphorus is a key element for water eutrophication. In order to protect water quality and control hazards, total phosphorus has been included in the monitoring items in the water environment testing.

Total phosphorus includes water-soluble, suspended, organic phosphorus and inorganic phosphorus, so the unfiltered water sample is digested. Digestion is a method of converting various forms of phosphorus in water into soluble inorganic phosphates.

There are many methods of digestion, and users can choose by themselves according to the regulations.

The total phosphorus detector can measure the content of inorganic phosphate in the digested aqueous solution.

## Principle of the detector:

This instrument uses the microcomputer photoelectron colorimetric detection principle to replace the traditional visual colorimetric method. Elimination of human error, so the measurement resolution is greatly improved.

## Technical indicators

Measurement range	0-1.5mg/L
Power supply voltage	220V
Resolution	0.01mg/L
Repeatability	3%
Linear error	+ / - (5% FS+