



Non contractual photo

**SERVICE : POWER SUPPLY: 220V / 230V
SINGLE PHASE; CONSUMPTION: LESS
THAN 1500W NETWORK WATER AND
REAGENTS
DIMENSIONS : APPROX. 1200 X 700 X 1200
MM
WEIGHT : 70KG EMPTY**

REFERENCE : MP46

This small aerobic digester makes it possible to study the phenomena of oxygen transfers whether the consumption of the latter is chemical or biological.

Educational Objectives :

- Determination of oxygen consumption.
- Reaction monitoring

Technical specifications :

- A 15 liter study reactor with cover equipped with support for instruments and reagent inlets. The reactor has a drain. The reactor is in Altuglass (or glass, optional)
- An agitator with display and electronic speed control. The agitation system provides for an interchangeable mobile. The mobile provided is a rushton type propeller, 6 blades.
- A ventilation set with a stainless steel air diffuser
- An air compressor and its air flow meter with adjustment valve
- A dissolved oxygen measurement probe and its transmitter
- A combined pH / Redox measurement probe with its transmitter
- A control cabinet regrouping the M / A controls (of the optional pump), of the compressor and of the agitator. The cabinet includes the oxygen sensor transmitter the pH / Redox transmitter
- The connections are made of PVC and the assembly is mounted on a welded stainless steel frame to be placed on a work surface (table, bench, etc.)

OPTIONS :

1) 15L reactor in borosilicate glass and cover in Altuglass 2) Data acquisition system comprising: a control and display touch screen (7 "). Display of the synoptic and values of the process, display of the curves in real time, export of data by USB key in .txt files, usable on any type of spreadsheet. 3) A 60 liter capacity water tank with cover and on casters 4) A peristaltic feed pump between the tank and the reactor vessel 5) Temperature regulation system comprising: a 1000W immersion heater and a regulator.