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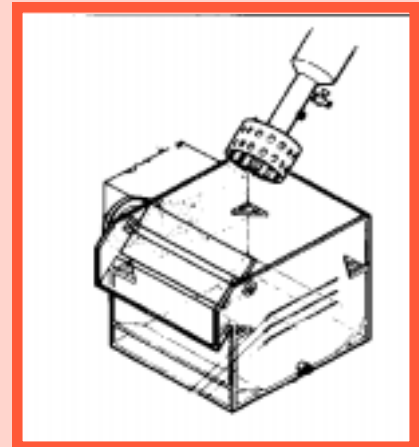
WEMCO LABORATORY FLOTATION MACHINE

The Wemco Laboratory Flotation is a multi purpose machine for batch testing of materials for flotation, agitation and attrition. Some of the industries currently using the Wemco lab units are chemical, coal, food, glass sand, mineral, paper pulp, petrochemical and sanitation. The base drive mechanism allows the machine to be utilized as a 1+1 flotation machine, a Agitair flotation machine, a Agitation machine, or a Attrition machine.

The basic flotation machine includes the base drive unit, the 1+1 flotation assemblies and components or the Agitair flotation assemblies and components. Optional equipment includes the agitation assemblies and the attrition assemblies.

A special 5.5 liter flotation cell is available with an automatic skimmer to be used with the 1 + 1 flotation configuration. This flotation cell is designed to be used in conjunction with the ASTM Laboratory Froth Flotation Standard.

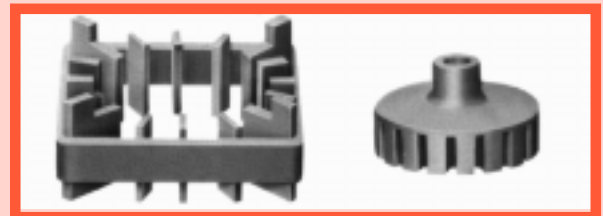
The 1 + 1 flotation configuration includes the polycarbonate bowl, polyurethane 1 + 1 rotor and disperser and stainless steel standpipe.



Pictured is the Agitair Flotation configuration with the 500 gram cell and the automatic skimmer (Optional).



Flotation - 1 + 1

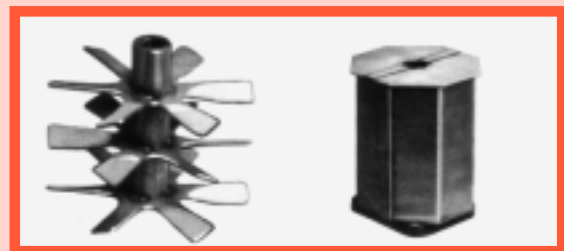


Flotation - Agitair

Air and pulp are mixed by the rotor or impeller, then expelled by centrifugal force through the disperser or stabilizer. This shearing action breaks the air down into minute bubbles, which results in the same degree of pulp aeration and dispersion now possible in full size 1 + 1 or Agitair flotation machines. All elements are easily cleaned between test batches.



Optional Agitation Assembly



Optional Attrition Scrubber Assembly

Wemco Basic Drive Unit: 050D-010
Wemco Agitair Flotation Assembly: 050D-011
Wemco 1 + 1 Flotation Assembly: 050D-012