

Sepor

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Spiral Testing



Spiral Test Rig

Designed for small batch feasibility test work (in either closed or open circuit) on site or in a laboratory environment.

The unit is supplied complete with a 100 gallon fiberglass urethane-lined sump, steel framework, motor, motor starter, 1" x 1.5" centrifugal rubber-lined pump, feed distributor with 4-way splitter, open grid platform, product manual sampler, internal piping and bypass valves, sheaves and belts and wheel-mounted assembly. Feed flow variation is achieved with a slurry distributor. The operating range of the slurry percent solids is from 24% to 40%. The spiral maximum feed flow rate is 35 GPM (Minerals) and 60 GPM (Coal). The maximum capacity of the single start spirals range from 1 to 3 TPH.

Note: Through the use of the adaptor plates, this unit can be used for any spiral of fiberglass construction (up to 7-turn configuration).
Complete test facilities are available.

CATALOG NUMBER: 050F-011