

Deister Laboratory Mineral Concentrating Table

The Deister Model 15-S Laboratory Concentrating Table Package is an ideal tool for evaluating the gravity separation characteristics of mineral and coal feeds. The Deister Lab Table can be set up for either batch or continuous operations. The results produced on a Deister Lab Table can always be either duplicated or improved upon in commercial operations using full-size Tables. The Deister Lab Table Package includes the following features: complete Table, easy side tilt & end elevation adjustments, variable speed drive, mounting bench with storage shelf, water distribution manifold and launders with cutting pans. An extra interchangeable deck can be supplied so that the Table has riffling systems to handle both 'sand' and 'slime' feeds. The Deister Lab Table is widely used by Universities and Mineral Company Laboratories.



Flotaire Laboratory Column Flotation Cell

The 3" diameter Deister Laboratory Flotaire Column Flotation Cell is an ideal tool for evaluating the flotation characteristics of various coal and mineral feeds. The Laboratory Flotaire can be set-up for either batch or continuous operation. The Laboratory Flotaire package includes the following features: Electric, variable-speed feed and tailings pumps, a liquid level float switch with tailings pump control panel for automatic pulp level maintenance, electric frother metering pump, air and water flowmeters for control of Deister Laboratory Microbubble Generators and froth wash water flow, and a variable-speed feed slurry mixer to assure proper feed conditioning. The unit is constructed of acrylic and stainless steel to safely handle a wide range of feed materials and chemical contents. Test sample results and operating parameters can be directly scaled up to determine commercial size Column Flotation Cell requirements.

