

Pilot Belt Press Test

DeWater® Systems DBP-1



Pilot Test System

AUQUIX® offers complete dewater testing of solids generated from wastewater and other process streams. The test filter press system is skid mounted for easy transportation and setup. An experienced Technician will provide for sludge preparation, operation of the equipment during the trial and packaging for return shipment. The test press is a scaled version of it's larger "brothers", is constructed in stainless steel for corrosion resistance and is operated with a simple variable speed/pressure control system.

The unique technology built into each DeWater® System maximizes water removal while minimizing chemistry usage. Filter press testing provides management with the valuable data needed for making key design and return on investment purchase decisions.

The standard rental is for one week. This includes a setup day, 3 days testing and a breakdown day. Additional testing may be arranged as necessary. To schedule a filter press test trial, simply complete the rental agreement and arrange for the selected test period and payment.



DeWater® Systems DBP-1



*"Pilot Test
Your Solids First"*

Lab Testing

AUQUIX® recommends before and after lab tests be conducted on representative water samples. This testing should reflect the facilities typical daily wastewater discharges. Lab tests generally include TSS, TDS, TBOD, SBOD, FOG and pH. Lab test costs are not included in the test rental.

Utilities

The electrical control panel is designed for a voltage of 110v, single phase, 60Hz, and has a 10 amp maximum current draw. Installed power is <0.25 Hp. Compressed air required is 2-6cfh at up to 75psi. Fresh water is necessary for dilution of chemicals and final cleaning of the equipment.

Chemicals

PEWE will arrange with your choice of chemical vendor to supply the appropriate type and quantities of required chemicals. Jar testing is suggested prior to selecting any chemical program. The cost and delivery of these chemicals are not included with the pilot rental.

Solids

The solids should be collected from a representative sample. Data will be collected in order to optimize selection of filter cloth, chemistry, operating pressure and cake solids content.

Footprint

Footprint of test filter press: 3' wide X 3' long
 Footprint of work area: 6' wide X 6' long

