

PRECISION
SAMPLERS
INC.

**SAMPLING
SYSTEMS FOR
STATIONARY
GOALS**



This self-contained PSI Sampling System consists of a sampling auger with automatic processing and reject recovery.



APPLICATIONS

The PSI Sampling System excels wherever sampling of stationary coals is necessary.

By penetrating the coal to be sampled, the sampling auger eliminates the inherent problems of hand sampling stationary coal.

High volume and high speed requirements are easily met in stationary coal situations, such as:

- railroad cars
- trucks
- barges
- stockpiles

FEATURES

The PSI system yields increased confidence through a more representative sample increment, greater equipment reliability, and operational convenience. The features of this system include:

- automatic processing of the entire sample
- perpendicular core penetration of the coal
- automatic sample splitter designed in accordance with ASTM standards
- reject material recovery on demand
- variable laboratory sub-sample size
- minimal operator training
- simple on-site installation requirements
- minimum amount of maintenance
- processing capacity of up to 500 trucks or railroad cars per day
- acceptable bias testing
- easy transportation to sampling locations

TOTAL SAMPLE PROCESSING

The PSI Sampling System is designed to conform to the applicable portions of the following ASTM standards:

- ASTM D2234, Collection of a Gross Sample of Coal
- ASTM D2013, Preparing Coal Samples for Analysis

Total sample processing provides a more reliable sample for lab analysis. By crushing the entire auger increment prior to splitting, one area of possible bias is eliminated.

CONTRACT OPTIONS

Precision Samplers offers clients several options, each with or without operational support.

- lease
- lease/purchase
- purchase

DESIGN OPTIONS

Each PSI Sampling System is custom-designed to meet individual client's specific coal sampling requirements. For complete information, write or call:



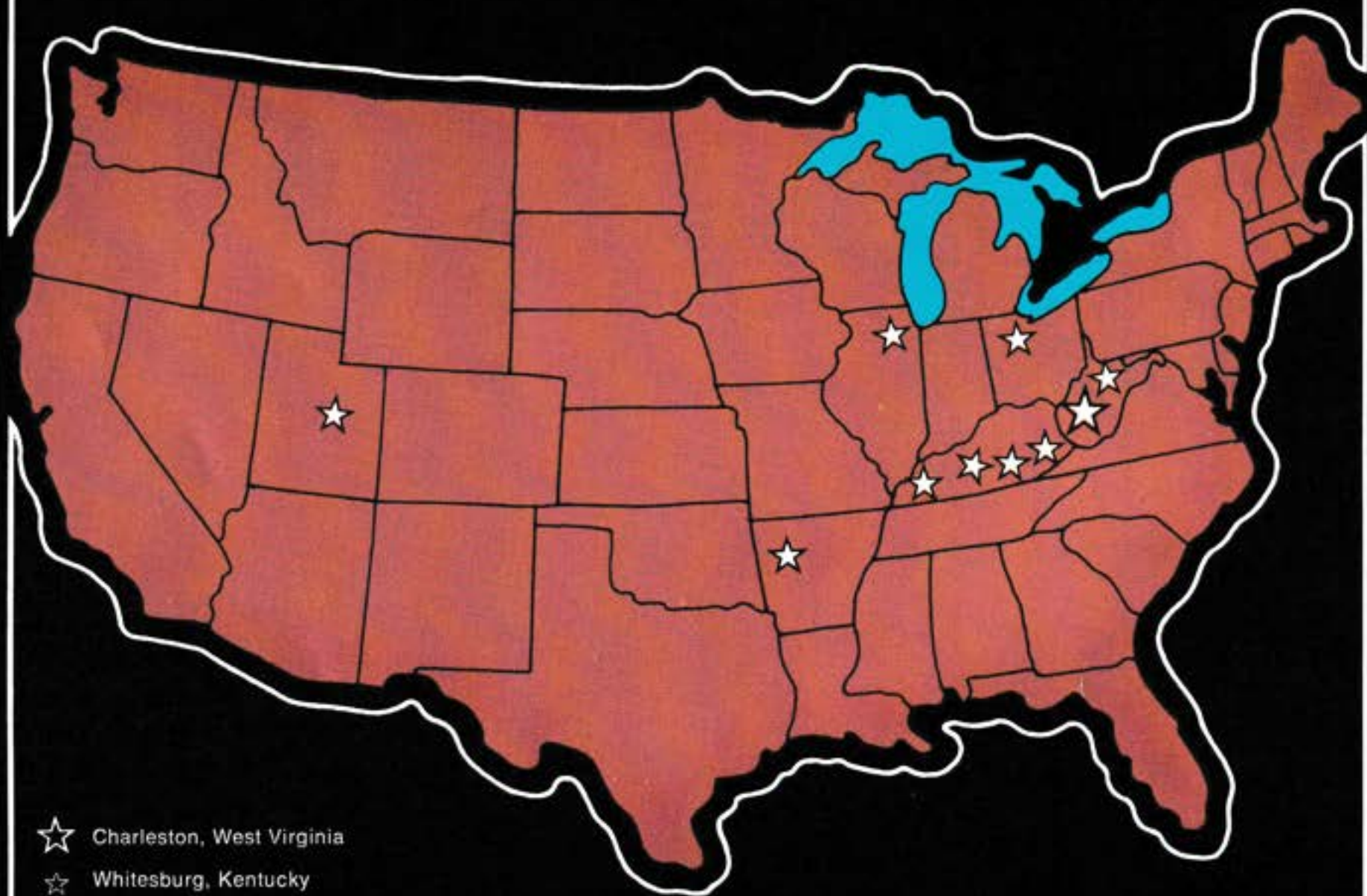
PRECISION SAMPLERS, INC.
3322 Pennsylvania Avenue
Charleston, WV 25302
304-343-5173



PSI

Precision Samplers, Inc. is a subsidiary of Standard Laboratories, Inc., which provides the coal industry with complete analytical services in coal, water and soil testing from coast to coast.

Standard Laboratories is prepared to provide total operational support for the PSI-supplied hardware.



- ☆ Charleston, West Virginia
- ☆ Whitesburg, Kentucky
- ☆ Corbin, Kentucky
- ☆ Buckhannon, West Virginia
- ☆ Huntington, Utah
- ☆ Henderson, Kentucky
- ☆ Van Buren, Arkansas
- ☆ Pikeville, Kentucky
- ☆ Toledo, Ohio
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