

From the Desk of JACK CHAMPAIGNE.....

The second annual Workshop on Shot Peening, held this year in Cincinnati, Ohio, was a success; forty-five students, sixteen instructors, three days of instruction. Many thanks to all who contributed.

We started the program with theory and moved on to industry practice (state-of-the-art). Next we covered specifications and then practice. We concluded with how to do it right (SPC) and what can go wrong (experiences). Next year we'll be in Las Vegas (Lost Wages).

Interesting aside (1) Craig Fring (Empire Abrasives) shared some field service insights at an impromptu meeting Wednesday night.

Interesting aside (2) Ken l'Anson explained a power nap. Seems it requires sliced cucumbers placed on eyelids etc. For more information call Ken at Blastworks.

Interesting aside (3) Hugh Roper (PanAbrasive) taught us how to keep screen separators properly tuned. He showed us a small decal that is placed on the side of the machine. Really fascinating! Call Hugh at (416) 735-4691

Interesting aside (4) International flavor was provided by Sehhey Lee (Korea), Chris Koetz (South Africa), Frederic Jouet (France), and Suna Roe (originally Turkey, now Seattle, Washington).

Dr. Niku-Lari of IITT International informs us that IITT has moved into their new office. You may now contact Dr. Niku-Lari at the following address:

IITT International
94 Promenade A. Ballu, Tel: 33-1-45-921771
93460 Gournay sur Marne, France Fax: 33-1-45-929215

BOOKS AVAILABLE FROM THE SHOT PEENER

Shot Peening - Theory and Application \$70.00

Editors: John Eckersley and Jack Champaigne
(274 PP, Hardcover, ISBN 2-907669-18-4)

Chapters:

- Shot Peening and Fatigue
- Measurement of Residual Stresses
- Control of Shot Peening Process
- Shot Peening Technology
- Case Study and Some Applications

Understanding How Components Fail \$66.00

by Donald J. Wulpi
(262 PP, Hardcover, ISBN 0-87170-189-8)

Chapters:

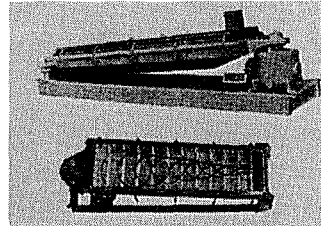
- Techniques of Failure Analysis
- Distortion Failures
- Basic Single-Load Fracture Modes
- Stress Systems Related to Single-Load Fracture of Ductile and Brittle Metals
- Mechanical Properties
- Stress Versus Strength
- Residual Stresses
- Brittle Fracture
- Ductile Fracture
- Fatigue Fracture
- Wear I
- Wear II
- Corrosion
- Elevated-Temperature Failures

Call 1 - 800 - 832 - 5653

Screening, Separating, Analyzing ...Rotex Does It All

ROTEX®

for solid/solids
separations

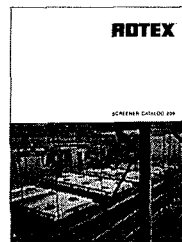


ROTEX Screeners are self-contained, high production machines for accurately separating dry materials by particle size. Through the combined actions of the unique gyratory motion of the horizontal screen surface and the positive screen mesh cleaning system, ROTEX Screeners provide unusually high efficiency and productivity.

ROTEX Screeners are offered in over 100 standard models with one to five screen surfaces, for separations with openings from ½" to 325 mesh, and in two basic types:

1. **Automatic-Tensioning** models, including sanitary, all-metal designs.
2. **General-Purpose** totally-enclosed models for applications not requiring all-metal construction.

As a result of continuing development, ROTEX INC. manufactures screeners for hundreds of applications, including agricultural products, food products and ingredients, forest products, chemicals and plastics, pharmaceuticals, abrasives, powdered metals, non-metallic minerals, etc. Ask for Catalog 209 and application information.



GRADEX®

for automated
sieve analysis

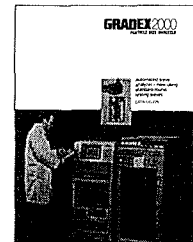


New generation GRADEX2000 analyzes dry granular materials automatically, permitting frequent and timely monitoring of material for better quality control—without additional manpower! GRADEX2000 eliminates traditional labor-intensive methods of sieve analysis, using the same standard round test sieves and rotary/tapping motion commonly used in manual methods of sieve analysis.

GRADEX2000 automatically...

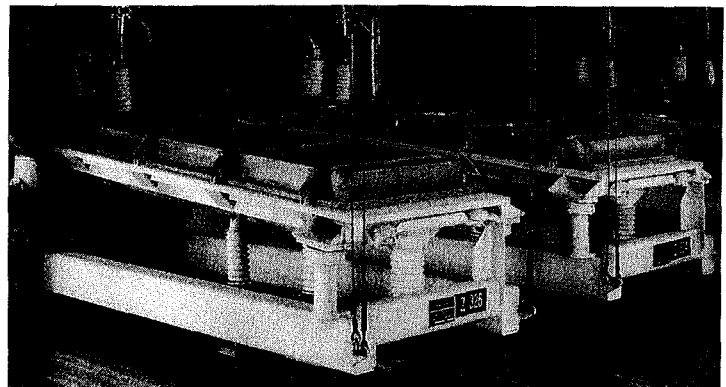
- Classifies and weighs each size fraction
- Calculates and stores weight values
- Presents analysis data in graphic or tabular format, on monitor or printout.
- Stores data in GRADEX data base.
- Connects with other computers through RS-232C interface to facilitate SPC.

GRADEX2000 is cost-effective for as few as 5-10 tests per day. For details, call Roger Robins, our Gradex Specialist, at 513-541-1236, or Fax 513-541-4888. Request Catalog 229.



To reach the ROTEX specialist nearest you, call TOLL - FREE 1-800-243-8160. ROTEX INC., 1445 Knowlton Street, Cincinnati, Ohio 45223-1845 U.S.A.

ROTEX INC.



ROTEX INC. - Manufacturers of ROTEX Screeners for over 80 years.

Bingo No. 29

1992087