



CENTURY OF PROGRESS IN TESTING MACHINES



DURING the first fifty years of this Century of Progress there was but little advancement in the art of development of testing machine equipment.

Over half a century ago however, Tinius Olsen, a pioneer, invented, designed and constructed testing equipment which has been the basis for all modern developments up to the present time.

The Tinius Olsen Testing Machine Company to-day is offering to the engineering, research and commercial fields, testing equipment of accuracy and reliability, ease and speed of operation which has never been surpassed, all in keeping with the fundamental principles of its founder, MR. TINIUS OLSEN.

Our part in the CENTURY OF PROGRESS Exposition is an exhibit of a few of the most recent developments in Testing Machines and Instruments, and also in the field of Balancing Machine Equipment.

The theory and equipment for balancing rotating parts is a comparatively new art. The development of balancing equipment in the past fifteen years to its present high state of perfection has been mainly through untiring efforts and research on the part of the Engineering Staff of the Tinius Olsen Testing Machine Company.

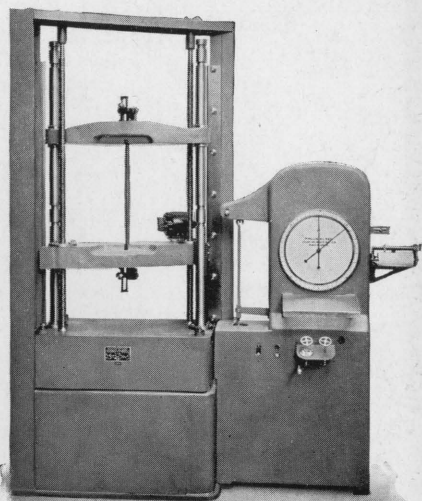
TINIUS OLSEN TESTING MACHINE COMPANY
500 North 12th Street « « Philadelphia, Pa



Tinius Olsen Testing Machine Company Exhibit
(View from Front)



Tinius Olsen Testing Machine Company Exhibit
(View from Rear)



OLSEN HYDRAULIC UNIVERSAL TESTING MACHINE

With Self-Indicating Pendulum Dial, Lever Weighing System,
No. 3 Recorder, and Loading Rate-Indicator

Motor Driven
(Patent Applied For)

Capacities: 20,000 lbs. (10,000 kgs.) to 400,000 lbs. (200,000 kgs.)

See this machine and ask for demonstration at our exhibit.

EXHIBITS

The following equipment is available for demonstration at our exhibit:

60,000 lb. triple capacity Olsen Universal Hydraulic Loading Testing Machine, with Pendulum Indicating and Recording System.
2,000 lb. triple capacity Olsen Universal Hydraulic Loading Testing Machine, with Pendulum Indicating and Recording System.
Olsen Direct Motor Driven Brinell Hardness Testing Machine.
Olsen Recording Type, Hydraulic Motor Driven, Ductility Testing Machine.

Firth Hardometer Hardness Tester.
Herbert Pendulum Hardness Tester.
Olsen-Mohr Portable Brinell Hardness Tester.
M. I. T. Folding Endurance Paper Tester.
Olsen Standard Rubber Hardness Tester.
Olsen Rubber Flow Tester.
Olsen-Nardiello Capper.
Olsen-Smith High Magnification Recording Extensometer.
Olsen-De Shazer Strain Gauges.
Olsen Proving Rings, also
Other Types of Olsen Strain Gauges and Extensometers.

Balancing Equipment

Olsen-Lundgren Cradle Type Horizontal Static-Dynamic Balancing Machine, Style "S", Frame No. 4.
Olsen Special Dynamic Balancing Machine for small rotors.
Olsen-Lundgren Special Static Scale with Drill Attachment.

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AWARDS

Olsen Testing Machines have received the Highest Awards at the following Expositions:

CINCINNATI INDUSTRIAL EXHIBITION, 1881.
INTERNATIONAL COTTON EXPOSITION, 1881.
WORLD'S INDUSTRIAL AND COTTON CENTENNIAL EXPOSITION, at New Orleans, 1885.
WORLD'S COLUMBIAN EXPOSITION, 1893.
EXPORT EXPOSITION, PHILADELPHIA, 1899.
PARIS EXPOSITION, 1900.
LOUISIANA PURCHASE EXPOSITION, 1904.
JAMESTOWN TERCENTENNIAL EXPOSITION, 1907.
ALASKA-YUKON PACIFIC EXPOSITION, 1909.
PANAMA PACIFIC EXPOSITION, 1915 (Three Grand Prizes).
SESQUI-CENTENNIAL EXPOSITION, 1926.

STAMP

Tinius Olsen Testing Machine Company
Group B—First Floor
Unit No. 1
General Exhibits Building
Chicago, Ill.

