

16TH EDITION

POSTS

Catalog of

DEPENDABLE
DRAWING MATERIALS
EQUIPMENT AND SUPPLIES
ENGINEERING INSTRUMENTS
AND BLUE PRINT PAPERS

for

*Draftsmen, Architects
Engineers and Technical
Schools*



THE FREDERICK POST CO.

Manufacturers and Importers

ADDRESS ALL CORRESPONDENCE TO

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CHICAGO

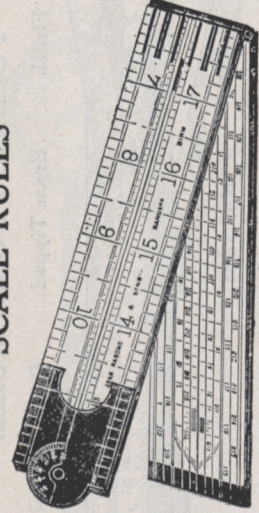
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AND FACTORIES
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POSTS
DEPENDABLE
DRAWING MATERIALS

THE FREDERICK POST CO.
CHICAGO, U.S.A.

SCALE RULES

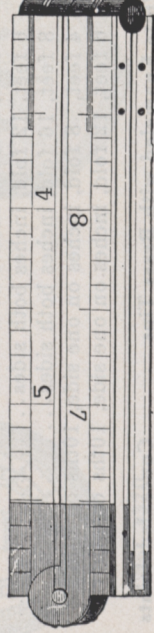


No. 1427A.

Each

No. 1427A. Architect's Scale Rule, with beveled edges, boxwood, 2 feet, 4 folds, brass mountings, with scales on beveled edge

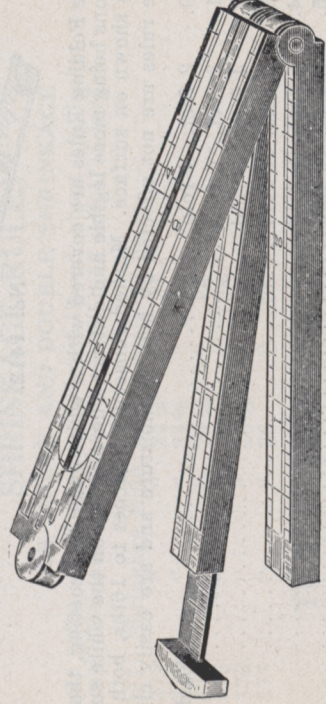
FOLDING POCKET RULES



No. 1428C.

Each

No. 1428A. Pocket Rule, Boxwood, 1 ft., 4 fold, brass mountings
 1428B. Pocket Rule, Boxwood, 2 ft., 4 fold, brass mounting
 1428C. Pocket Rule, Boxwood, 1 ft., 4 fold, brass bound edges
 1428D. Pocket Rule, Boxwood, 2 ft., 4 fold, brass bound edges

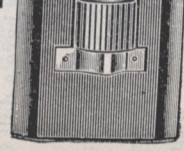


No. 1429A.

Each

No. 1429A. Pocket Rule, Boxwood, with caliper, 1/2 foot, 2 folds, brass mountings

No. 1430B. Ebo
 1430C. " "
 1430D. " "
 1430E. " "
 1430F. " "



No. 1432B. Ebon
 1432C. " "
 1432D. " "
 1433B. Solid
 1433C. " "
 1433D. " "
 1433E. " "
 1434A. Solid
 1434B. " "
 1434C. " "
 1434D. " "

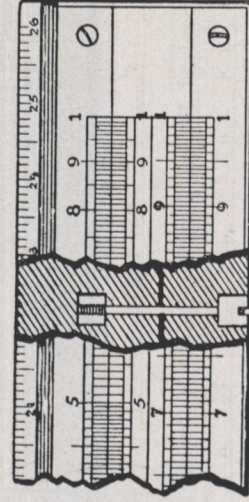
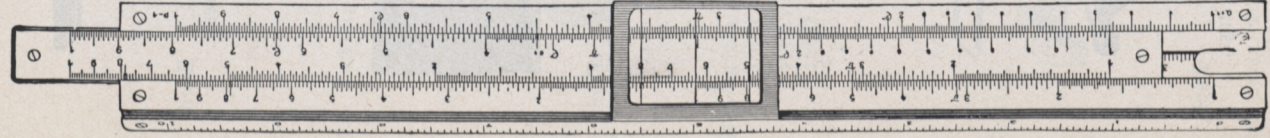


No. 1436. Section I
 8-inch celluloid

POST'S STANDARD SLIDE RULE

(Mannheim)

Owing to constructional improvements, they are not liable to shrink or warp, or to work tight or loose under climatic variations. A smooth and even gliding movement is obtained by the use of elastic strips, which are let into the sides of the stock. To prevent warping, the stock of the rule is covered with celluloid on both the top and bottom surfaces. With this construction, although wood and celluloid are differently affected by atmospheric changes, no deviation from the original shape of the stock can occur. These improvements are not embodied in other rules and the advantages they offer will be obvious to every user. The celluloid surfaces have a dull finish in order to avoid eyestrain.



Sectional View Showing Construction

The slide rule enables anyone who understands decimals to multiply, divide, take powers and roots, compute interest, simple and compound, and solve many complex problems in one-tenth the time these problems require by longhand.

We have acquired the **RITOW** Slide Rule patents and have developed the newest types of construction.

With these rules, calculations are not only simplified but made much more accurate, the cylindrical rule giving accurately all numbers to five and six significant figures.

We make slide rules in the following types of construction:

1. Boxwood, not faced.
2. Mahogany faced with celluloid—not adjustable.
3. Mahogany faced with celluloid—adjustable type.
4. Duplex type—graduated on both sides.
5. Simplex type—graduated on both sides.
6. Cylindrical Slide Rules.
7. Circular Slide Rules.

For school use
instruction purposes



No. 1440. High School
C, D and

1442. High School
as above
indicator
ruling edge

1444. Students
High School
back of
case.

1446. Students
1442 but
case.

MAN



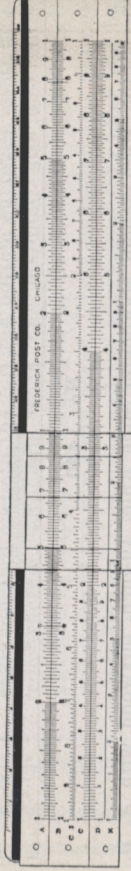
Same as the Student
construction with new

No. 1448. 5-inch
1448L. 5-inch
1449. 10-inch
1449L. 10-inch
1450. 20-inch
1450L. 20-inch

MANNHEIM TYPE SLIDE RULES

MULTIPHASE SLIDE RULES

Have same construction as the Mannheim Adjustable, but have an extra inverted scale on the slide and a cube scale on the body.
 The inverted scale of the Multiphase Rule permits performing multiplication or division, or both, with three numbers in one setting.
 The cube scale permits the operator to find cubes and cube roots, squares and square roots, three-halves and two-thirds powers, also many higher powers, all with ease.

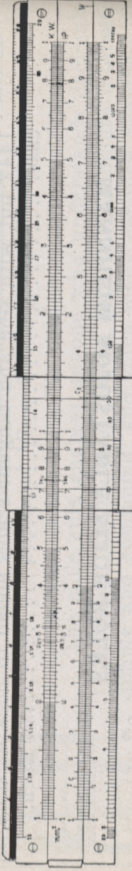


- No. 1452. 10-inch length, in case Each,
 1452L. 10-inch length, in leather case
 1454. 20-inch length, in case
 1454L. 20-inch length, in leather case

No. 1452

ELECTRICAL SLIDE RULE

Post's Electrical Slide Rule differs from the No. 1449 Mannheim Adjustable in that it has a two-fold log log scale on its face, dynamo and motor efficiency scales in the groove, and special gauge markings permitting easy determinations of the electric resistance of copper wire of various gauges, under various conditions, and making most horse power, kilowatt, volt and ampere computations a matter of one setting of the slide rule.

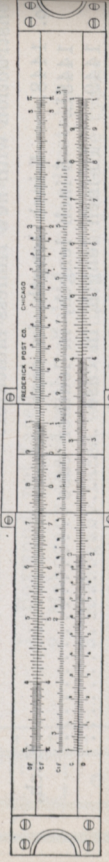


- No. 1456. 10-inch length, in case Each,
 1456L. 10-inch length, in leather case

No. 1456

MULTIPHASE DUPLEX SLIDE RULE

In this rule the scales of the Multiphase are supplemented by single-fold and single-fold inverted scales, enabling computations involving many factors in fewer settings of the slide rule, and making resetting of the slide almost entirely unnecessary. Both faces of the rule are graduated.



- No. 1458. 10-inch length, in case Each,
 1458L. 10-inch length, in leather case

No. 1458

Directions with Each Slide Rule

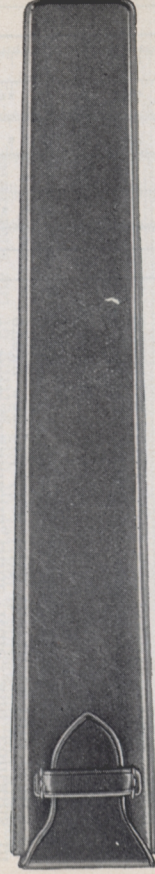


RITOW SLIDE RULES

RITOW CYLINDRICAL SLIDE RULE

The **RITOW** Cylindrical Slide Rule is the accurate calculator par excellence. It has an accuracy greater than a Mannheim Rule of 500 inches in length, as the last figure can be read with the help of the sliding vernier scale. Answers obtained to six and seven significant figures. Every operation contains an independent check, and it is almost impossible to make a mistake. Although occupying much less room than the "Thacher" Calculator or the "Fuller" Slide Rule, it is much more accurate than either. Three inches in diameter, 12 inches long, machine-mounted cylinders, ease and simplicity in operation. Special construction enabling accurate setting and reading. Magnifying index 500-inch helical scale and 10-inch cylindrical scale, with scale of logarithms on one cylinder. This slide rule can do most of the operations performed by very expensive calculating machines with far greater convenience and more speed.

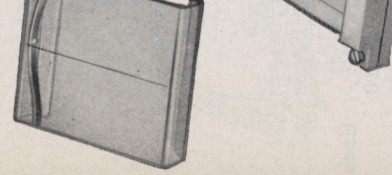
No. 1475. In Polished wood case.....Each,



SLIDE RULE CASES

- Leatherette—for High School and Students' Mannheim Slide Rules.
- Leatherette—case for Manifold Slide Rule, 10 inches.
- Leatherette—case for Manifold Slide Rule, 20 inches.
- 5-inch Leather case—for Multiphase Slide Rule.
- 10-inch Leather case—for Multiphase or Duplex and Simplex Slide Rules.
- 20-inch Leather case—for Multiphase Slide Rules.
- 5-inch Leather case—for 5-inch Manifold.
- 10-inch Leather case—for Manifold and Log Log Merchants' Slide Rules.
- 20-inch Leather case—for Manifold and Log Log Merchants' Slide Rules.

Directions with Each Slide Rule



We make several
Celluloid indicators
Glass indicator,
Rules.

New rimless in-
adjustable s
For Mannheim
For **RITOW**
For **RITOW**
For 5" Rules. Ea

Duplex indicator,
For Duplex I
For Duplex I
For Simplex

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For Simplex

Our sixth type of
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- 2. A self-in
- 3. with slide
- 4. **RITOW**
RITOW
and math

THE FREDERICK POST CO.

RITOW SLIDE RULES

These slide rules combine simplicity of operation with double, triple, ten-fold, fifty-fold and one-hundred-fold accuracy.

With these rules every slide rule computation can be independently checked, and power and root computations are greatly simplified and are of at least double the accuracy of the same computations on Mannheim Type Slide Rules of the same length.

All **RITOW** Slide Rules are protected by patents in the principal countries of the world.

RITOW MANIFOLD SLIDE RULE

RITOW Manifold Slide Rules are provided with engine-divided scales, single-length, double-length, triple-length, folded scales, inverted scale, sine, tangent and logarithmic scales, inch and centimeter scales. Can do everything the Multiphase Slide Rule does, but with double and triple accuracy. Gives any trigonometric function with one setting (sine, co-sine, tangent, co-tangent, secant, co-secant). Gives all the roots and powers that correspond at one setting of the indicator. Reduces most computations to the A 10-inch Mannheim, has the accuracy of a 30-inch Mannheim Slide Rule, and contains in every computation with the three-fold scales an independent check. Computations on the Manifold are much simpler than on the Mannheim Rule.

It has manifold scales, manifold accuracy, manifold advantages and manifold uses.

RITOW Students' Manifold, boxwood, engine-divided, with celluloid indicator.

No. 1463. 10-inch length, in case... Each,

Directions with Each Slide Rule

RITOW MANIFOLD, celluloid facing, adjustable construction, with new rimless indicator.

No. 1464. 5-inch length, in case... Each,

1464L. 5-inch length, in leather case

1465. 10-inch length, in case.....

1465L. 10-inch length, in leather case

1466. 20-inch length, in case.....

1466L. 20-inch length, in leather case

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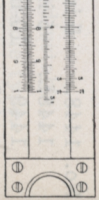
Each,
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Mannheim Adjust-
namo and motor
f permitting easy
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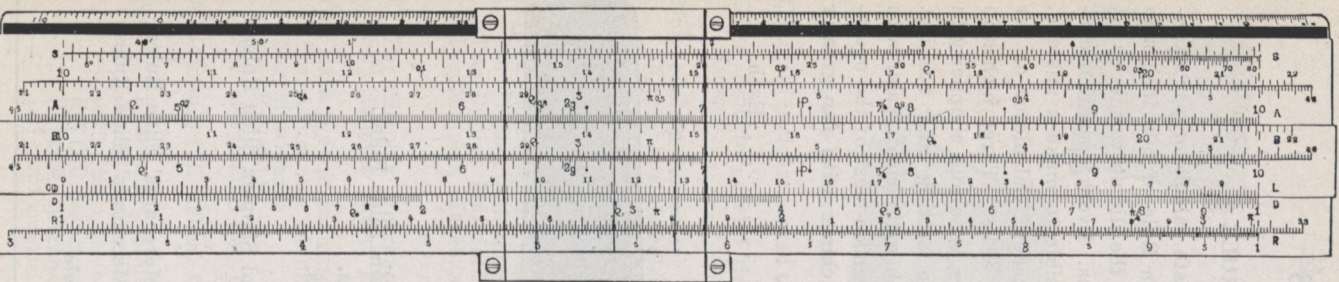


Each,
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Each,
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No. 1463