Model 08  
Mechanical  
Rotary Counter

Description
A 5 figure medium duty counter designed for applications where a rotary counter with a quick reset is desirable. When a 1’ circumference measuring wheel is used with our standard counter, the counter will display feet and inches. Consult the factory if you have custom applications.

Features
- Counter will add and subtract
- Push button reset
- Versatile mounting
- 1,000 revolutions per minute (100 feet per minute)

Options
- Double shaft
- Wheel color
- Figure color
- Ratios
- Mounting
- Case color
- 98WF - Measuring Wheel - 12” circumference

Specifications
Figures: 5 figures, 0.20” [5mm] high  
Reset: Push-button  
Rotation: Top going  
Shaft Extension: 0.250” diameter, left hand or right hand

Speed: 1,000 revolutions/minute (100 feet/minute)  
Operation Life: Beyond 50 million
Temp. Range: -15°F to 140°F [-26°C to +60°C]  
Weight: 10 oz. [283g]

Models Description
11-0825 Left-hand, top-going, add & subtract
11-0845 Right-hand, top-going, add & subtract

Dimensions

Applications
Linear measuring  
Machine revolutions  
Positioning
### Model 14

#### Mechanical Small Case Totalizers

The Model 14 is a compact, 5 figure, non-reset totalizer in a molded case with stainless steel shaft. Four types of drives are available and five case configurations. An ideal solution when application requirements call for a low cost and compact totalizer.

#### Features
- Four types of drives
- Choice of five case configurations
- Built-in non-overthrow mechanism on stroke counters
- Built-in internal stops on stroke counters
- 5 Figure: white on black background

#### Options
- Mounting
- Double shafts
- Figure background and case colors
- Sealed

#### Specifications

| Figures: | 5 figures, white on black, 0.16" [4mm] high |
| Reset:   | Non-reset |
| Rotation:| Top-coming or top-going |
| Shaft Extension: | Right-hand or left-hand |
| Shaft Diameter: | 0.125" [3.2mm] |
| Speed: |
  - Stroke: 1,000 counts/minute
  - Revolution: 3,000 counts/minute
  - Direct: 15,000 counts/minute
  - Rotary Ratchet: 3,000 counts/minute rotary mode
  - 1,500 counts/minute in oscillating mode |
| Weight: | 0.5 oz. [14g] |
| Temp: |
  - -40°F to +160°F [-40°C to +71°C] |
| Operating Torque: |
  - Stroke: 0.8 to 2.0 in/oz
  - Revolution: 0.15 in/oz
  - Direct: 0.15 in/oz
  - Rotary Ratchet: 0.3 to 1.0 in/oz |

#### Case Types: |
- Square base mount
- Square panel mount
- Square - no flange
- Cylindrical base mount
- Cylindrical panel mount

#### Drive Types: |
- Stroke: typical count stroke 39° to 48°
- Typical total stroke 50° to 52°
- Revolution: adds or subtracts one (1) count per revolution
- Direct: adds or subtracts ten (10) counts per revolution
- Rotary Ratchet: adds ten (10) counts per revolution
- Adds only one (1) count per 36° to 60° oscillation

#### Models

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11B-1415</td>
<td>lh, top coming, stroke, sq case, base mt</td>
</tr>
<tr>
<td>11B-1515</td>
<td>lh, top coming, rev. drive, sq case, base mt</td>
</tr>
<tr>
<td>11B-1615</td>
<td>lh, top coming, direct drive, sq case, base mt</td>
</tr>
<tr>
<td>11B-1715</td>
<td>lh, top coming, rotary ratchet, sq case, base mt</td>
</tr>
<tr>
<td>11B-1425</td>
<td>lh, top going, stroke, sq case, base mt</td>
</tr>
<tr>
<td>11B-1525</td>
<td>lh, top going, rev. drive, sq case, base mt</td>
</tr>
<tr>
<td>11B-1625</td>
<td>lh, top going, direct drive, sq case, base mt</td>
</tr>
<tr>
<td>11B-1725</td>
<td>lh, top going, rotary ratchet, sq case, base mt</td>
</tr>
</tbody>
</table>

### Similar products are also available in the following configurations:
- Square case - panel mount change 11B to 11P
- Square case - without flange change 11B to 11N
- Cylindrical case - base mount change 11B to 21B
- Cylindrical case - panel mount change 11B to 21P
Model 14
Mechanical
Small Case Totalizers

Dimensions

Square Case Base Mount

Square Case Without Flange

Square Case Panel Mount

Cylindrical Case Base Mount

Cylindrical Case Panel Mount

Short Lever (10006-028S)

Standard Lever (10006-027S)

Applications

Circuit breakers  Vending machines  Gaming machines  Business and office equipment
Description
A 4 figure, hand-held or desk mounted reset counter with push-button actuator. Case is chrome plated steel. Hand-held model comes with thumb ring for ease of use. Single desk mounted style has plastic base with mounting holes. Multiple desk units, from 2 to 10, mounted on a single base with a common reset. These tallys are a convenient way to count inventory, attendance, traffic, blood cells, or food portions.

Features
- Chrome plated steel housing
- Long life

Options
- Multiple units

Specifications
Figures: 4 figures, white on black, 0.16" [4mm] high
Reset: Knob
Operating Life: Beyond 5 million counts

Temperatures
-15°F to +140°F [-26°C to +60°C]

Weight: 3.5 oz. [99g]

Models
Model 12-1804
- Hand Tally with finger ring

Model 13-1804
- Desk Tally with mounting base

3-1804-2
- Versa Tally: 2 units, common reset and base

3-1804-3
- Versa Tally: 3 units, common reset and base

3-1804-4
- Versa Tally: 4 units, common reset and base

3-1804-5
- Versa Tally: 5 units, common reset and base

3-1804-6
- Versa Tally: 6 units, common reset and base

3-1804-7
- Versa Tally: 7 units, common reset and base

3-1804-8
- Versa Tally: 8 units, common reset and base

3-1804-9
- Versa Tally: 9 units, common reset and base

3-1804-10
- Versa Tally: 10 units, common reset and base

* Items in bold are normally in factory stock.

Dimensions
Model 12-1804

Applications
Inventory
Attendance
Traffic
Food portions
Blood cells

www.acornindprod.com
**Description**

The Redington "Victor" counters are manually operated mechanical totalizers ideal for use when you need to count more than one item at the same time. Models are available from a single counter to a maximum of 20 units (4 wide x 5 high). All modules have 4-figure counters and a common rotary reset for the entire row. Each unit can be easily labeled using removable paper tabs. Applications include Lab Counters, Traffic Surveys, Inventory Control, Inspection Tallies, QC Counters, Bus Counters and Point-of-Sale Records.

**Features**

- Paper tabs for labeling
- Common reset for each row
- Positive action pushbutton
- Lubrication not required
- Quick, simple to operate and accurate

**Options**

- Multiple units - up to 20 counters

**Specifications**

- Figures: 4 figures, white on black, 0.12” [3mm] high
- Reset: Knob
- Weight: ~3.0oz. [85g] per unit

**Models**

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-1904</td>
<td>Modular Tally, single unit</td>
<td>14-1904</td>
<td>Modular Tally, 1 unit wide x 4 units high</td>
</tr>
<tr>
<td>21-1904</td>
<td>Modular Tally, 2 units wide x 1 unit high</td>
<td>24-1904</td>
<td>Modular Tally, 2 units wide x 4 units high</td>
</tr>
<tr>
<td>31-1904</td>
<td>Modular Tally, 3 units wide x 1 unit high</td>
<td>34-1904</td>
<td>Modular Tally, 3 units wide x 4 units high</td>
</tr>
<tr>
<td>41-1904</td>
<td>Modular Tally, 4 units wide x 1 unit high</td>
<td>44-1904</td>
<td>Modular Tally, 4 units wide x 4 units high</td>
</tr>
<tr>
<td>12-1904</td>
<td>Modular Tally, 1 unit wide x 2 units high</td>
<td>15-1904</td>
<td>Modular Tally, 1 unit wide x 5 units high</td>
</tr>
<tr>
<td>22-1904</td>
<td>Modular Tally, 2 units wide x 2 units high</td>
<td>25-1904</td>
<td>Modular Tally, 2 units wide x 5 units high</td>
</tr>
<tr>
<td>32-1904</td>
<td>Modular Tally, 3 units wide x 2 units high</td>
<td>35-1904</td>
<td>Modular Tally, 3 units wide x 5 units high</td>
</tr>
<tr>
<td>42-1904</td>
<td>Modular Tally, 4 units wide x 2 units high</td>
<td>45-1904</td>
<td>Modular Tally, 4 units wide x 5 units high</td>
</tr>
<tr>
<td>13-1904</td>
<td>Modular Tally, 1 unit wide x 3 units high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23-1904</td>
<td>Modular Tally, 2 units wide x 3 units high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33-1904</td>
<td>Modular Tally, 3 units wide x 3 units high</td>
<td></td>
<td></td>
</tr>
<tr>
<td>43-1904</td>
<td>Modular Tally, 4 units wide x 3 units high</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dimensions**

Dimensions for a single unit are shown to the right. To calculate the approximate size of an assembled unit, add 1.5” [37] to the width for each additional unit in a row, and add 2.6” [66] to the depth and 1.5” [37] to the height, for each additional row.

**Applications**

Inventory  Attendance  Traffic  Food portions  Blood cells

www.acornindprod.com
Description
A highly versatile, 5 figure stroke counter. Numbers are large and distinctive for easy viewing even when above or below eye level. Ruggedly built for years of trouble-free use. An excellent choice for counting parts produced.

Features
- Durable
- Large figures
- Reliable

Options
- Non-reset
- Large reset knob
- Right or left-hand shaft extension
- 10007-010S - additional lever and spring

Specifications

<table>
<thead>
<tr>
<th>Figures</th>
<th>5 figures, white on black, 0.19” [5mm] high</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reset</td>
<td>Knob</td>
</tr>
<tr>
<td>Speed</td>
<td>1,000 counts/minute</td>
</tr>
<tr>
<td>Rotation</td>
<td>Top-coming or top-going</td>
</tr>
<tr>
<td>Count Stroke</td>
<td>49° Min. - 60° Max.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shaft Extension</th>
<th>Right-hand or left-hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shaft Diameter</td>
<td>0.125” [3.2mm]</td>
</tr>
<tr>
<td>Operating Life</td>
<td>Beyond 50 million counts</td>
</tr>
<tr>
<td>Temp. Range</td>
<td>-15°F to +140°F [-26°C to +60°C]</td>
</tr>
<tr>
<td>Weight</td>
<td>5 oz. [142g]</td>
</tr>
</tbody>
</table>

Non-reset
- Large reset knob
- Right or left-hand shaft extension
- 10007-010S - additional lever and spring

Models
- 1-2015 Left-hand, top-coming, standard reset knob
- 1-2025 Left-hand, top-going, standard reset knob
- 1-2035 Right-hand, top-coming, standard reset knob
- 1-2045 Right-hand, top-going, standard reset knob

* Items in bold are normally in factory stock.

Dimensions

Right-Hand Shaft

Applications
- Punch press
- Machine cycles
- Secondary machines

www.acornindprod.com
**Model 22**

**Mechanical Rotary Counter**

### Description

A compact, 5 figure, rotary counter, indicating 10 counts/revolution. Design and compact size make it ideally suited for office and test equipment, coin counting and other direct reading instruments.

### Features

- Compact size
- 5 figures
- Long life

### Options

- Large reset knob
- Special shaft

### Specifications

<table>
<thead>
<tr>
<th>Features</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Figures:</td>
<td>5 figures, white on black, 0.19&quot; [5mm] high</td>
</tr>
<tr>
<td>Reset:</td>
<td>Knob</td>
</tr>
<tr>
<td>Speed:</td>
<td>1,000 revolutions/minute</td>
</tr>
<tr>
<td>Rotation:</td>
<td>Top-coming or top-going</td>
</tr>
<tr>
<td>Shaft Extension:</td>
<td>Right-hand or left-hand</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specifications</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shaft Diameter:</td>
<td>0.125&quot; [3.2mm]</td>
</tr>
<tr>
<td>Ratio:</td>
<td>10 counts/revolution</td>
</tr>
<tr>
<td>Operating Life:</td>
<td>Beyond 50 million counts</td>
</tr>
<tr>
<td>Temp. Range:</td>
<td>-15°F to +140°F [-26°C to +60°C]</td>
</tr>
<tr>
<td>Weight:</td>
<td>4 oz. [113g]</td>
</tr>
</tbody>
</table>

### Models

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2215</td>
<td>Left-hand, top-coming, add only</td>
</tr>
<tr>
<td>1-2225</td>
<td>Left-hand, top-going, add only</td>
</tr>
<tr>
<td>1-2235</td>
<td>Right-hand, top-coming, add only</td>
</tr>
<tr>
<td>1-2245</td>
<td>Right-hand, top-going, add only</td>
</tr>
<tr>
<td>7-2215</td>
<td>Left-hand, top-coming, add and subtract</td>
</tr>
<tr>
<td>7-2225</td>
<td>Left-hand, top-going, add and subtract</td>
</tr>
<tr>
<td>7-2235</td>
<td>Right-hand, top-coming, add and subtract</td>
</tr>
<tr>
<td>7-2245</td>
<td>Right-hand, top-going, add and subtract</td>
</tr>
<tr>
<td>1-2315</td>
<td>Left-hand, top-coming, add and subtract, non-reset</td>
</tr>
<tr>
<td>1-2325</td>
<td>Left-hand, top-going, add and subtract, non-reset</td>
</tr>
</tbody>
</table>

* Items in bold are normally in factory stock.

### Dimensions

**Right-Hand Shaft**

- Mounting holes: 0.13" x 0.38" [3.3 x 9.7] slots

### Applications

- Production equipment
- Spooling
- Positioning

[Diagram of application examples]

[www.acornindprod.com]
Model 27

Mechanical Stroke Counter

Description
A heavy-duty, 5 figure, internal reset, stroke counter. Available in either right-hand or left-hand shaft extension.

Features
- Heavy-duty
- Internal reset

Options
- Right or left-hand shaft extension
- 1022-006S - additional spring

Specifications

<table>
<thead>
<tr>
<th>Figure</th>
<th>5 figures, white on black, 0.31&quot; [8mm] high</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reset</td>
<td>Internal - lift cover, reset wheels</td>
</tr>
<tr>
<td>Speed</td>
<td>750 counts/minute</td>
</tr>
<tr>
<td>Rotation</td>
<td>Top-coming</td>
</tr>
<tr>
<td>Count Stroke</td>
<td>36° Min. - 45° Max.</td>
</tr>
<tr>
<td>Shaft Extension</td>
<td>Right-hand or left-hand</td>
</tr>
<tr>
<td>Operating Life</td>
<td>Beyond 200 million counts</td>
</tr>
<tr>
<td>Temp. Range</td>
<td>-15°F to +140°F [-26°C to +60°C]</td>
</tr>
<tr>
<td>Weight</td>
<td>24 oz. [680g]</td>
</tr>
</tbody>
</table>

Models

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2715</td>
<td>Left-hand, top-coming</td>
</tr>
<tr>
<td>1-2735</td>
<td>Right-hand, top-coming</td>
</tr>
</tbody>
</table>

* Items in bold are normally in factory stock.

Dimensions

Right-Hand Shaft

Applications

- Punch press
- Secondary Machines
- Machine cycles
Description

A 5 figure, rugged stroke counter, with right-hand shaft extension, operating lever and attached spring. Rated at 600 counts per minute, this heavy-duty model is well suited for most industrial applications.

Features

- Heavy-duty
- 600 CPM
- 5 Figures

Options

- Lever modifications
- 1022-006S - additional spring

Specifications

| Figures: | 5 figures, white on black, 0.27” [7mm] high |
| Reset:   | Knob, internal, or lock and key |
| Speed:   | 600 counts/minute |
| Rotation:| Top-coming |
| Count Stroke: | 36° Min. - 45° Max. |

Shaft Extension: Right-hand
Operating Life: Beyond 200 million counts
Temp. Range: -15°F to +140°F [-26°C to +60°C]
Weight: 20 oz. [567g]

Models Description

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-2835</td>
<td>Right-hand, top-coming, internal reset</td>
</tr>
<tr>
<td>4-2835</td>
<td>Right-hand, top-coming, knob reset</td>
</tr>
<tr>
<td>5-2835</td>
<td>Right-hand, top-coming, lock and key reset</td>
</tr>
</tbody>
</table>

* Items in bold are normally in factory stock.

Dimensions

Right - Hand Shaft

Mounting holes: 0.18” [4.6mm] Dia.

Applications

- Punch press
- Machine cycles
- Shears
Model 29
Mechanical Stroke Counter

Description
A 6 figure, general purpose heavy duty industrial stroke counter designed for high count rates and continuous operation even under the most adverse operating conditions. Corrosion resistant material and finishes. Large, easy-to-read numbers.

Features
- Heavy duty
- High count rates
- Corrosion resistant

Options
- Non-reset
- Double shaft extensions
- Special mounting bases
- Weatherized versions
- 1022-006S - additional spring
- 1255-004S - additional lever

Specifications

| Figures: | 6 figures, white on black, 0.30" [7.6mm] high |
| Reset: | Knob or lock and key |
| Speed: | 1,000 counts/minute |
| Rotation: | Top-coming or top-going |
| Count Stroke: | 40° Min. - 70° Max. |
| Shaft Extension: | Right-hand or left-hand |
| Shaft Diameter: | 0.25" [6.4mm] |
| Operating Life: | Beyond 100 million counts |
| Temp. Range: | -15°F to +140°F [-26°C to +60°C] |
| Weight: | 18 oz. [510g] |

Models

| Description |
| 1-2916 | Left-hand, top-coming, standard reset knob |
| 1-2926 | Left-hand, top-going, standard reset knob |
| 1-2936 | Right-hand, top-coming, standard reset knob |
| 1-2946 | Right-hand, top-going, standard reset knob |
| V1-2936 | Right-hand, top-coming, standard reset knob, V-base |

Application: * Items in bold are normally in factory stock.

Dimensions

Right - Hand Shaft

![Right - Hand Shaft Diagram]

Mounting holes: 0.22" [5.6mm] Dia.

V - Mount

![V - Mount Diagram]

www.acornindprod.com
Description
A 6 figure, general purpose, industrial rotary counter designed for use on equipment where environmental conditions are far from ideal. Various count ratios make it suitable for winding equipment, measuring devices and direct reading instruments.

Features
- Heavy duty
- High count rates
- Corrosion resistant

Options
- Non-reset
- Subtractive
- Double shaft extensions
- Special mounting bases
- Weatherized versions
- 98WF - Measuring Wheel - 12’ circumference

Specifications

Figures: 6 figures, white on black, 0.30” [7.6mm] high
Reset: Knob or lock and key
Speed: 2,500 counts/minute or revolutions/minute, whichever is lower
Rotation: Top-coming or top-going, to add. Will not subtract if rotation is reversed

Shaft Extension: Right-hand or left-hand
Shaft Diameter: 0.26” [6.4mm]
Ratio: 1 count/revolution or 10 counts/revolution
Operating Life: Beyond 100 million counts
Temp. Range: -15°F to +140°F [-26°C to +60°C]
Weight: 18 oz. [510g]

Models | Description | Models | Description
--- | --- | --- | ---
11-2916 | Left-hand, top-coming, 10 counts/revolution | 21-2936 | Right-hand, top-coming, 1 count/revolution
11-2936 | Right-hand, top-coming, 10 counts/revolution | 21-2946 | Right-hand, top-going, 1 count/revolution
21-2916 | Left-hand, top-coming, 1 count/revolution | 22-2936 | Right-hand, top-coming, 1 count/revolution, lock & key reset
21-2926 | Left-hand, top-going, 1 count/revolution

Dimensions

Right - Hand Shaft

Mounting holes: 0.22” [5.6mm] Dia.

Applications

Winding equipment
Spooling
Positioning
Model 41
Mechanical Register

Description
The Model 41 is a 3-figure or 4-figure mechanical register and is used to display gallons or liters output from a dispenser or pump. The large figure display can be reset with the rotary reset shaft. A smaller, non-reset, mechanical totalizer is also included to record total product dispensed.

Features
- Large easy to read figures
- Time tested, reliable and durable
- Wide operating temperature range
- All non-corrosive parts
- Spring loaded totalizer is pre-settable
- No lubrication required

Options
- Gallons or liters
- Reset shaft configuration
- Reset shaft: right hand, left hand, or both

Specifications

<table>
<thead>
<tr>
<th>Figures:</th>
<th>Speed:</th>
<th>Operation Life:</th>
<th>Temp. Range:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Main Display: 3 or 4 figures, white on black, 0.65&quot; [16.5mm] high</td>
<td>40 gallons per minute, 400 liters per minute</td>
<td>1 million gallons, 10 million liters</td>
<td>-40°F to +150°F [-40°C to +65°C]</td>
</tr>
<tr>
<td>Totalizer: 0.19&quot; [5mm] white on black</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reset: Rotary reset. Reset knob supplied by customer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reset Shaft: 0.25&quot; [6.4mm] diameter</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Models Description

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-4103</td>
<td>3-figures, gallon display</td>
</tr>
<tr>
<td>2-4104</td>
<td>4-figures, gallon display</td>
</tr>
<tr>
<td>2-4103</td>
<td>3-figures, liter display</td>
</tr>
<tr>
<td>3-4104</td>
<td>4-figures, liter display</td>
</tr>
</tbody>
</table>

Dimensions

3-Figure

Side View

4-Figure

Applications

Pumps and Flow Meters

www.acornindprod.com
Model 46  
Mechanical Stroke Counter

Description

These 5 figure stroke counters are especially designed for limited space and high count life applications. The advanced drive system translates into exceptionally high operating speeds, extended operating life, for fast and accurate readings. Ideal for copiers, printing presses, cut-off machines, and piece-part counting applications. Also available with a thumb lever for use as a tally counter.

Features

- Compact size
- Reliability
- Low cost

Options

- Special levers
- 10011-001S - additional spring
- 10007-009S - lever and spring

Specifications

Figures: 5 figures, white on black, 0.19" [5mm] high
Reset: Standard or large knob, non-reset
Speed: 500 counts/minute
Rotation: Top-coming or top-going
Count Stroke: 40° Min. - 45° Max.

Shaft Extension: Right-hand or left-hand
Shaft Diameter: 0.156" [4.0mm]
Operating Life: Beyond 5 million counts
Temp. Range: -15°F to +140°F [-25°C to +60°C]
Weight: 2 oz. [57g]

Models

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-4615</td>
<td>Left-hand, top-coming, standard reset knob</td>
<td>2-4615</td>
<td>Left-hand, top-coming, large reset knob</td>
</tr>
<tr>
<td>1-4625</td>
<td>Left-hand, top-going, standard reset knob</td>
<td>2-4625</td>
<td>Left-hand, top-going, large reset knob</td>
</tr>
<tr>
<td>1-4635</td>
<td>Right-hand, top-coming, standard reset knob</td>
<td>2-4635</td>
<td>Right-hand, top-coming, large reset knob</td>
</tr>
<tr>
<td>1-4645</td>
<td>Right-hand, top-going, standard reset knob</td>
<td>2-4645</td>
<td>Right-hand, top-going, large reset knob</td>
</tr>
<tr>
<td>1-4635T</td>
<td>Right-hand, top-coming, std. reset knob, with thumb lever</td>
<td>5-4645</td>
<td>Right-hand, top-going, non-reset</td>
</tr>
</tbody>
</table>

* Items in bold are normally in factory stock.

Dimensions

Right - Hand Shaft

Mounting holes: 0.13" x 0.24" [3.3 x 6.1mm] slots

Applications

<table>
<thead>
<tr>
<th>Copiers</th>
<th>Printing presses</th>
<th>Farm equipment</th>
<th>Piece-part counting</th>
<th>Cut-off machines</th>
</tr>
</thead>
</table>

www.acornindprod.com
**Model 750**  
**Mechanical Revolution Counter**

**Description**
These rugged revolution counters are completely sealed, tamper resistant, and maintenance-free. They can be mounted on a rotating shaft or wheel. Adds in either direction, and records revolutions, miles, kilometers, or acres. They are used on material handling equipment, farm machinery, rapid transit vehicles, street sweepers, golf carts, and construction equipment.

**Features**
- Sealed
- Tamper resistant
- Bi-directional

**Options**
- Face plate
- Custom calibrations

**Specifications**
- Figures: 7 figures, 0.19” [5mm] high
- Temp. Range: -50°F to +180°F [-45°C to +82°C]
- Weight: 1.5 Lbs. [0.7kg]

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>750-0002</td>
<td>Reading x 10 = Total Revolutions (Revolutions)</td>
<td>750-0114</td>
<td>Reading x 100 = Revolutions (Revolutions)</td>
</tr>
<tr>
<td>750-0007</td>
<td>(9.5L - 15) x 15’ (Acres)</td>
<td>750-0156</td>
<td>798 Revolutions per Acre (Acres)</td>
</tr>
<tr>
<td>750-0016</td>
<td>364 Revolutions per Acre (Acres)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Consult factory for a counter to meet your specific needs.

**Dimensions**

**Hubodometer**

**Applications**
- Rapid transit vehicles
- Farm machinery
- Golf carts
- Construction equipment

[Diagram of Hubodometer]

www.acornindprod.com
Description

The Redington Model E45-1804 provides the user with an economical upgrade from the traditional mechanical modular tally counters and at a lower cost. A single module displays five 4-digit LCD's counters, internal 5-digits (99999), total counter is 6-digits (999999), and provides RS-232C serial communications. All of the stored data, maximum of 99 records, (count data, sum data) on the E45-1804 can be read and viewed on a PC through serial communications. The 4 least significant digits of the counter can be viewed on the display. To view all 5 digits, please use the communications feature of the unit to recall the complete internal counter data. Free software is available from our web site, redingtoncounters.com. The Model E45-1804 is self powered by 4 AAA batteries, which makes it ideal for field use.

Features

- Communications functions to PC; convenient for totaling and analyzing
- Battery life - 200 hours (low battery indicator)
- 7 segment LCD (digit size: 0.2" [5mm] height)
- Memory storage for 99 data records
- Internal 5-digit counter and 6-digit total counter
- Strap hole for lanyard
- Classification sticker
- Light weight (1/3 of a traditional metal type)
- Excellent tactile feel buttons
- Modular construction allows connecting multiple counters

Specifications

<table>
<thead>
<tr>
<th>Display:</th>
<th>LCD 4 digits height 0.2&quot; [5mm] counters (x5)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 digits total counter &amp; record number</td>
</tr>
<tr>
<td>Reset:</td>
<td>Push button</td>
</tr>
<tr>
<td>Memory:</td>
<td>Maximum of 99 records</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>2.44” (H) x 5.5” (W) x 0.83” (D)</td>
</tr>
<tr>
<td></td>
<td>[62 (H) x 140 (W) x 21 (D) mm]</td>
</tr>
<tr>
<td>Accessories:</td>
<td>Instruction manual, batteries (4), stickers (5)</td>
</tr>
<tr>
<td>Approvals:</td>
<td>CE compliant</td>
</tr>
<tr>
<td>Weight:</td>
<td>5oz [130g] (batteries included)</td>
</tr>
<tr>
<td>Data Output:</td>
<td>RS-232 PC Serial Interface</td>
</tr>
<tr>
<td>Battery Operating Life:</td>
<td>200 hours, power off when not in use (4)</td>
</tr>
<tr>
<td>AAA (1.5) alkaline type batteries</td>
<td></td>
</tr>
<tr>
<td>Software/Operating Instructions:</td>
<td>Download from Redington web site</td>
</tr>
<tr>
<td>Communications Cable:</td>
<td>Use any market available RS 232 cable (straight) to connect to the PC and a D-SUB 9 pin (female) connector for connection to the E45-1804</td>
</tr>
<tr>
<td>Data Output:</td>
<td>RS-232 PC Serial Interface</td>
</tr>
<tr>
<td>Operating Temperature:</td>
<td>14°F to 122°F [-10°C to 50°C] 85% RH max.</td>
</tr>
</tbody>
</table>

Models Description

E45-1804 Electronic Multi Tally (x5 LCD) with serial communications

* Item is normally in factory stock.

Applications

Traffic Lab Counter Inventory Attendance
Description

This 3 or 4 figure stroke counter with operating lever, spring assembly and reset knob, requires minimal space for mounting plus offers a high count rate and long life. The Model PCU can be reset during operation without damage. All PCU’s are designed to minimize internal contamination, making them an excellent choice for outdoor use.

Features
- 3 or 4 figure
- Compact size
- Suitable for outdoor use

Options
- Non-reset
- Large reset knob

Specifications

<table>
<thead>
<tr>
<th>Figures:</th>
<th>3 or 4 figures, white on black, 0.19” [5mm] high</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reset:</td>
<td>Knob</td>
</tr>
<tr>
<td>Speed:</td>
<td>600 counts/minute</td>
</tr>
<tr>
<td>Rotation:</td>
<td>Top-coming or top-going</td>
</tr>
<tr>
<td>Count Stroke:</td>
<td>40° Min. - 45° Max.</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Shaft Extension:</td>
<td>Right-hand or left-hand</td>
</tr>
<tr>
<td>Shaft Diameter:</td>
<td>0.156” [4mm]</td>
</tr>
<tr>
<td>Operating Life:</td>
<td>Beyond 50 million counts</td>
</tr>
<tr>
<td>Temp. Range:</td>
<td>-15°F to +140°F [-26°C to +60°C]</td>
</tr>
<tr>
<td>Weight:</td>
<td>2 oz. [57g]</td>
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Models

<table>
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<tr>
<th>Models</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>1-PCU-13</td>
<td>Left-hand, top-coming, 3 figure</td>
</tr>
<tr>
<td>1-PCU-33</td>
<td>Right-hand, top-coming, 3 figure</td>
</tr>
<tr>
<td>1-PCU-33T</td>
<td>Right-hand, top-coming, 3 figure, with thumb lever</td>
</tr>
<tr>
<td>1-PCU-43</td>
<td>Right-hand, top-going, 3 figure</td>
</tr>
<tr>
<td>1-PCU-14</td>
<td>Left-hand, top-coming, 4 figure</td>
</tr>
<tr>
<td>1-PCU-24</td>
<td>Left-hand, top-going, 4 figure</td>
</tr>
<tr>
<td>1-PCU-34</td>
<td>Right-hand, top-coming, 4 figure</td>
</tr>
<tr>
<td>1-PCU-44</td>
<td>Right-hand, top-going, 4 figure</td>
</tr>
</tbody>
</table>

Dimensions

1-PCU-13

1-PCU-14

Applications

<table>
<thead>
<tr>
<th>Applications</th>
<th>Models</th>
</tr>
</thead>
<tbody>
<tr>
<td>Secondary Machines</td>
<td>1-PCU-13, 1-PCU-33, 1-PCU-33T, 1-PCU-43</td>
</tr>
<tr>
<td>Shears</td>
<td>1-PCU-14</td>
</tr>
<tr>
<td>Farm Machinery</td>
<td></td>
</tr>
</tbody>
</table>