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

<table>
<thead>
<tr>
<th>Figures:</th>
<th>Speed:</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 figures, 0.20” [5mm] high</td>
<td>1,000 revolutions/minute (100 feet/minute)</td>
</tr>
<tr>
<td>Reset:</td>
<td>Operation Life:</td>
</tr>
<tr>
<td>Push-button</td>
<td>Beyond 50 million</td>
</tr>
<tr>
<td>Rotation:</td>
<td>Temp. Range:</td>
</tr>
<tr>
<td>Top going</td>
<td>-15°F to 140°F [-26°C to +60°C]</td>
</tr>
<tr>
<td>Shaft Extension:</td>
<td>Weight:</td>
</tr>
<tr>
<td>0.250” diameter, left hand or right hand</td>
<td>10 oz. [283g]</td>
</tr>
</tbody>
</table>

Models

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-0825</td>
<td>Left-hand, top-going, add &amp; subtract</td>
</tr>
<tr>
<td>11-0845</td>
<td>Right-hand, top-going, add &amp; subtract</td>
</tr>
</tbody>
</table>

Dimensions

Applications

- Linear measuring
- Machine revolutions
- Positioning
Model 20

Mechanical Stroke Counter

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

Specifications
- Figures: 5 figures, white on black, 0.19" [5mm] high
- Reset: Knob
- Speed: 500 counts/minute
- Rotation: Top-coming or top-going
- Count Stroke: 49° Min. - 60° Max.
- Shaft Extension: Right-hand or left-hand
- Shaft Diameter: 0.125" [3.2mm]
- Operating Life: Beyond 10 million counts
- Temp. Range: -15°F to +140°F [-26°C to +60°C]
- Weight: 1.5 oz. [43g]

Models Description
- 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

Mounting holes: 0.13" x 0.38" [3.3 x 9.7mm] slots
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>Figures:</th>
<th>5 figures, white on black, 0.19&quot; [5mm] high</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reset:</td>
<td>Knob</td>
</tr>
<tr>
<td>Speed:</td>
<td>500 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>
<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 10 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>1.3 oz. [37g]</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
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>Figures:</th>
<th>5 figures, white on black, 0.31” [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>
</tbody>
</table>

Shaft Extension: Right-hand or left-hand
Operating Life: Beyond 200 million counts
Temp. Range: -15°F to +140°F [-26°C to +60°C]
Weight: 24 oz. [680g]

Models Description
1-2715 Left-hand, top-coming
1-2735 Right-hand, top-coming

* Items in bold are normally in factory stock.

Dimensions

Right-Hand Shaft

Mounting holes: 0.19” [4.8mm] Dia.

Applications
- Punch press
- Secondary Machines
- Machine cycles

www.redingtoncounters.com
Model 28  Mechanical  Stroke Counter

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

3-2835 Right-hand, top-coming, internal reset
4-2835 Right-hand, top-coming, knob reset
5-2835 Right-hand, top-coming, lock and key reset

* 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

www.redingtoncounters.com
Model 29
Mechanical Rotary 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

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2916</td>
<td>Left-hand, top-coming, standard reset knob</td>
</tr>
<tr>
<td>1-2926</td>
<td>Left-hand, top-going, standard reset knob</td>
</tr>
<tr>
<td>1-2936</td>
<td>Right-hand, top-coming, standard reset knob</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2946</td>
<td>Right-hand, top-going, standard reset knob</td>
</tr>
<tr>
<td>2-2936</td>
<td>Right-hand, top-coming, lock and key reset</td>
</tr>
<tr>
<td>V1-2936</td>
<td>Right-hand, top-coming, standard reset knob, V-base</td>
</tr>
</tbody>
</table>

* Items in bold are normally in factory stock.

Dimensions

Right - Hand Shaft

V - Mount

Mounting holes: 0.22” [5.6mm] Dia.

Applications

- Punch presses
- Shears
- Cement trucks

www.redingtoncounters.com
Model 29
Mechanical Stroke Counter

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: 0.25” [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
<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>11-2916</td>
<td>Left-hand, top-coming, 10 counts/revolution</td>
</tr>
<tr>
<td>11-2936</td>
<td>Right-hand, top-coming, 10 counts/revolution</td>
</tr>
<tr>
<td>21-2916</td>
<td>Left-hand, top-coming, 1 count/revolution</td>
</tr>
<tr>
<td>21-2926</td>
<td>Left-hand, top-going, 1 count/revolution</td>
</tr>
<tr>
<td>21-2936</td>
<td>Right-hand, top-coming, 1 count/revolution</td>
</tr>
<tr>
<td>21-2946</td>
<td>Right-hand, top-going, 1 count/revolution</td>
</tr>
<tr>
<td>22-2936</td>
<td>Right-hand, top-coming, 1 count/revolution, lock &amp; key reset,</td>
</tr>
</tbody>
</table>

Applications

- Winding equipment
- Spooling
- Positioning

Dimensions

Right - Hand Shaft

Mounting holes: 0.22” [5.6mm] Dia.
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

| Figures: | Main Display: 3 or 4 figures, white on black, 0.65" [16.5mm] high | Speed: 40 gallons per/minute, 400 liters per/minute |
| Totalizer: 0.19" [5mm] white on black | Operation Life: 1 million gallons, 10 million liters |
| Reset: Rotary reset. Reset knob supplied by customer | Temp. Range: -40°F to +150°F [-40°C to +65°C] |
| Reset Shaft: 0.25" [6.4mm] diameter | Weight: 3-figure - 9oz [255g], 4-figure - 11oz [312g] |

Models Description

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

Dimensions

<table>
<thead>
<tr>
<th>3-Figure</th>
<th>Side View</th>
<th>4-Figure</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.809 [71.35]</td>
<td>2.429 [61.70]</td>
<td>3.707 [94.16]</td>
</tr>
<tr>
<td>0.060 [1.52]</td>
<td>1.875 [47.63]</td>
<td>0.969 [24.60]</td>
</tr>
<tr>
<td>0.310 [7.87]</td>
<td>2.186 [55.56]</td>
<td>0.310 [7.87]</td>
</tr>
<tr>
<td>0.060 [1.52]</td>
<td>0.850 [21.59]</td>
<td>4.375 [111.13]</td>
</tr>
<tr>
<td>1.406 [35.73]</td>
<td>CENTER LINE OF BEVEL GEAR</td>
<td>1.406 [35.73]</td>
</tr>
</tbody>
</table>

Applications

Pumps and Flow Meters
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
- Non-reset - consult factory

**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 & Description**

<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-going, 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></td>
<td></td>
</tr>
</tbody>
</table>

* Items in bold are normally in factory stock.

**Dimensions**

**Non-reset**

![Dimensions Diagram](image)

**Reset**

![Dimensions Diagram](image)

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

**Applications**

- Copiers
- Printing presses
- Farm equipment
- Piece-part counting
- Cut-off machines

www.redingtoncounters.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]

Models Description
- 750-0002 Reading x 10 = Total Revolutions (Revolutions)
- 750-0007 (9.5L - 15) x 15' (Acres)
- 750-0016 364 Revolutions per Acre (Acres)
- 750-0114 Reading x 100 = Revolutions (Revolutions)
- 750-0156 798 Revolutions per Acre (Acres)

Consult factory for a counter to meet your specific needs.

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

www.redingtoncounters.com