

# Count & Control Instruments

When it comes to counting, it adds up to Durant.

## Stroke Counters

**LIGHT DUTY** Designed for easy incorporation into all kinds of machines and equipment, these light and medium duty counters require a minimum of driving effort. To make sure they will provide years of durable, reliable service, Durant makes them both rustproof and dustproof.

**MEDIUM DUTY** You can order these well known "D" model medium duty stroke counters in 4, 5, or 6 figures. They are solidly built and thoroughly tested. On small production machines, they will provide the highest level of accuracy and efficiency.

**HEAVY DUTY** For a heavy duty application, you need a heavy duty counter, and that's where you can count on Durant. In our high speed, streamlined heavy duty counter series, the shafts are stainless steel, and move in oil-less bearings. And since the drive action is designed with overstroke, the counter does not bottom out. Not only does this make installation easier, it lengthens the term of service. The cover is fabricated from stamped heavy gauge steel, and locked into position on a heavy die cast alloy base. These counters can be mounted from the bottom or the back; a heavy duty mounting plate is provided at no extra cost. Finally, to guard against unauthorized resetting or tampering they are available with a tamper-proof reset lock. The standard wing nut reset is also an option.

LIGHT DUTY			
Model	Figures	Drive	Reset
4-X-1-1-R	4	R.H. Lever	Knob
4-X-1-1-L	4	L.H. Lever	Knob
5-X-1-1-R	5	R.H. Lever	Knob
5-X-1-1-L	5	L.H. Lever	Knob
MEDIUM DUTY			
4-D-1-1-R	4	R.H. Lever	Wing Nut
5-D-1-1-R	5	R.H. Lever	Wing Nut
5-D-1-1-L	5	L.H. Lever	Wing Nut
HEAVY DUTY			
5-H-1-1-R	5	R.H. Lever	Wing Nut
5-H-1-1-L	5	L.H. Lever	Wing Nut



5-H-1-1-R

*Take the full measure of your production. Accurately, reliably and economically.*

Profitable high speed industrial production depends on the accuracy of the way you monitor and control it. Why settle for less than the Presidential Series from Durant. We were the first on the market with these high tech digital controls, and we have constantly improved them ever since. Right now, for example, you can order these no-compromise Durant Counters with the options you need to do just about anything you want:



58851-400

- Simple Production Counting
- Length Measurement
- Cut-to-Length Operations
- Batching, Packaging, or Roll Forming
- Blending or Dispensing
- Motor Speed Monitor Control
- Printing
- Parts Counting or Coil Winding
- Wide Range of Other Industrial Applications

ORDER NO.	TOTALIZER	CONTROLLERS						SCALING	DATA COMMUNICATIONS	DIGITS
		1 SET POINT	2 SET POINTS	3 SET POINTS	BATCH	CROP CUT	RATE			
58810-400	*									8
58811-400	*									8
58815-400	*									8
58820-400		*								5
58821-400		*								5
58825-400		*					*			5
58827-400	*			*	*		**			6
58830-400			*							5
58831-400			*					*		5
58840-400			*		*	*				6
58841-400			*		*	*		*		6
58850-400	*		*		*					6
58851-400	*		*		*			*		6
58860-400				*						6
58861-400	*			*				*		6
57810-400							*			7
57820-400		*					*			5
ACCESSORIES		DESCRIPTION								
38810-400	JIC Box adapter for Models 58810 and 5781									
38820-400	JIC Box adapter for all Models (58820 through 58861 and 57820)									
48720-202	Programming Aid									
58802-410	Desk Mounting Kit for all Models 58810 and 57810									
58802-420	Desk Mounting Kit for all Models (58820 through 58861 and 57820)									

\* 1/Tau Rate (Rate calculated from period)  
 \*\* Each of the 3-count register has its own preset, output, reset, inhibit and recycle capability. These functions can be performed by one counter independent of the other two.



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**Durant Revolution Counters. Up to 800 counts per minute . . . and still counting.**

## Model 57601-401 Linear Measuring Package

When your production application requires measuring material, look to Durant's Model 57601-401 Linear Measuring Instrument. This complete accurate measuring package consists of the 57601-401 counter, the encoder, the measuring wheel, and cable. Everything required to do the job right and accurately!

Note: When ordering, specify "57601-401 Measuring Package".

Model 57601-401 Linear Measuring Package	
Model	Description
57601-401	Counter: Single Preset with Rate, 115 VAC
38151-120	Encoder: 120 PPR Quadrature
29665-300	Cable: Connector assembly with clamp, bushing and 10" of shielded cable
20154-301	Wheel: Rubber Coated

## Model 5D-8-1-AC, 5D-8-1-CL

For measuring brass, steel, plastics and paper this counter bracket assembly can handle speeds up to 500 feet per minute. 2 1/4 lbs. of pressure on the surface to be measured is provided by the measuring wheel and counter.

MODEL 5D-8-1-AC & MODEL 5D-8-1-CL			
Model	Figures	Rotation	Units of Measure
5D-8-1-AC	5	Anti-Clockwise	Feet
5D-8-1-CL	5	Clockwise	Feet

**OPTION: Mounting Bracket & Measuring Wheel**

## Model "D" Series

For branding machines, low speed coil winders, wire measuring equipment, and all other medium duty revolution applications, the perfect solution is the Durant Model "D" Series. These spur gear end drive units are right angle worm drive counters. They are readily adapted as an accessory on machinery where right angle drive is desired to permit full view reading of the counter.

MODEL "D" SERIES				
Model	Figures	Drive	Rotation	Reset
5-D-7-1-R-CL	5	R.H.	Clockwise	Wing Nut
5-D-7-1-R-AC	5	R.H.	Anti-Clockwise	Wing Nut
5-D-7-1-L-CL	5	L.H.	Clockwise	Wing Nut
5-D-7-1-L-AC	5	L.H.	Anti-Clockwise	Wing Nut
5-D-7-3-R-CL	5	R.H.	Clockwise	None
5-D-7-3-L-AC	5	L.H.	Anti-Clockwise	None
5-D-6-1-CL	5	Front & Rear	Clockwise	Wing Nut
5-D-6-1-AC	5	Front & Rear	Anti-Clockwise	Wing Nut

## Electric Counters

The strong, silent, fast operating DC electromagnetic drive in the Model Y-RMF provides accurate counts through a wide range of speeds to 1000 CPM. With its compact, built-in higher capacity rectifiers for AC operations, this unit is designed to operate dependably, even when subject to severe shock and vibration. A rugged housing protects the unit from moisture or dust penetration. And to make sure things stay as failure proof as possible, there is an absolute minimum of moving parts which never require lubricating under ordinary circumstances.

ELECTRIC COUNTERS			
Model	Figures	Voltage	Reset
6Y-1-RMF-115A	6	115 VAC	Knob
7Y-1-RMF-115A	7	115 VAC	Knob
6Y-1-2-RMF-PM	6	115 VAC	Key (Lock)

**Many more products than shown here.  
Phone or Fax for additional information.**



MODEL 57601-401



MODEL 38151-120



MODEL 5-D-8-1-CL



MODEL 5-D-7-1-R-CL



6-Y-1-RMF-115A

**If You Can't Find What You Want To Order . . .**

**Call 1-800-D-DURANT (338-7268) or Fax 1-401-738-2586**

