

NEWALL DP700 ADVANCED DIGITAL READOUT PACKAGES

MILL, LATHE, AND GRINDER MACHINES



LINEAR SCALE FEATURES:

Newall's Spherosyn and Microsyn electromagnetic encoders offer an environmental protection rating of IP67 and industry standard accuracies of $\pm 0.0004"$ and $\pm 0.0002"$. Newall scales are well known to provide the best solution for many harsh machine applications.

- 10um and 5um resolution (other res. available)
- Slimline rod style scale
- IP67 rating
- Hard wired cables from scanning unit
- Newall signal output
- Lengths from 2" to 462" (Spherosyn)

Newall offers consistent reliability, even under the harshest shop conditions. Designed to work exclusively with Newall's digital readouts, the Spherosyn and Microsyn linear scales embody an innovative design in which all of the electronics and measuring components are sealed and protected. The encoders carry an IP67 environmental rating and will continue to provide accurate readings even when fully submersed in water, oil or coolant. No other linear encoder matches the durability and reliability of Newall's reader heads and scales.

Newall heavy duty scales don't require cleaning or maintenance, no air purge required, they are tolerant to shock, vibration and magnetic interference, offer easy installation, and no machined surface needed.

DISPLAY FEATURES:

- Downloadable software upgrades
- Quick zero reset
- 2 or 3 axis readout
- Ordered either as milling or turning
- Linear display functions
- Feed rate
- 99 tool offsets
- 10 reference points (DATUMS)
- Arc contouring
- Bolt hole patterns
- Radius/diameter lathe mode
- Taper turning calculator
- Scaling factor
- mm/inch
- RS232 output
- Polar coordinates
- Programmable memory
- Max resolution 0.00002"

A TECH AUTHORITY, INC

A Tech Authority has been installing and repairing digital readout packages in SoCal since 1979, as well as selling packages all across the country. Our technicians can professionally install any DRO kit for nominal fee. All of our customers receive free technical phone support.

A Tech Authority, Inc.
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 Chino, CA. 91710
 909-972-7520
 www.atechauthority.com

Available Mill Packages

12x30	\$1,395.63	12x30x6	\$1,763.13	12x30x16	\$1,763.13
12x36	\$1,395.63	12x36x6	\$1,763.13	12x36x16	\$1,763.13
16x30	\$1,395.63	16x30x6	\$1,763.13	16x30x16	\$1,763.13
16x36	\$1,395.63	16x36x6	\$1,763.13	16x36x16	\$1,763.13
16x40	\$1,395.63	16x40x6	\$1,763.13	16x40x16	\$1,763.13

Available Lathe Packages

8x40	\$1,852.38	8x60	\$2,130.63	8x80	\$2,594.38
10x40	\$1,852.38	10x60	\$2,130.63	10x80	\$2,594.38
12x40	N/A	12x60	\$2,130.63	12x80	\$2,594.38
14x40	N/A	14x60	\$2,130.63	14x80	\$2,594.38

* other sizes are available.

Available Hardinge Lathe Package

6x20	\$1,658.13
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Grinder and Custom Packages

Custom packages are available for a variety of other machines, such as VTLs, EDMs, HBMs, and many others. Contact us with machine travels to begin creating a custom digital readout package.