

DENEX
keeps an eye on your
production

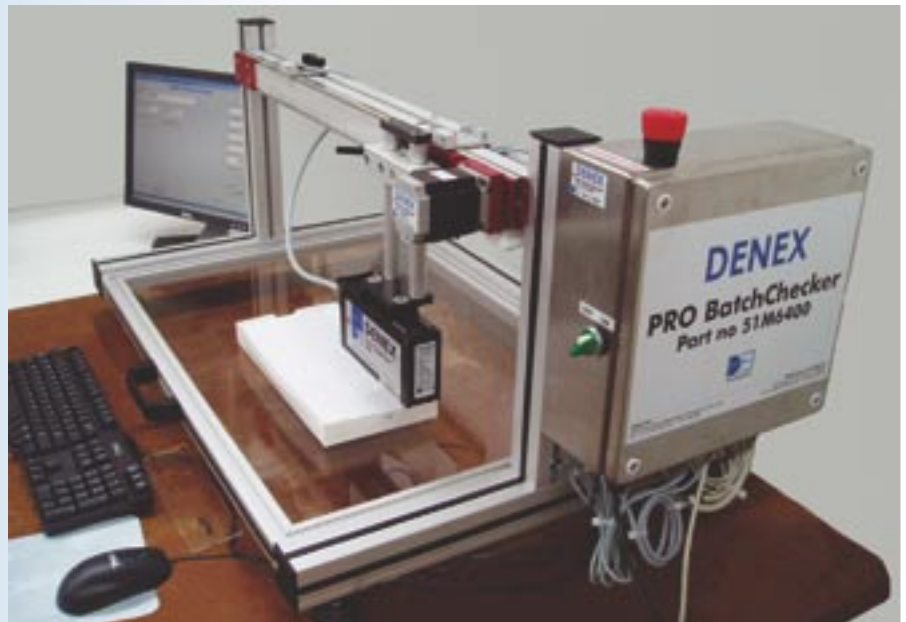


DENEX PRO BatchChecker

– automatic or manually operated system for accurate and high speed counting of products in batches or logs

- **Non-contact counting of batches**
- **Laser based for accurate counting of thin products**
- **High speed counting with microprocessor technology**
- **Easy to adjust for different product sizes**

DENEX PRO BatchChecker is the perfect unit to check the produced number of folded blanks or signatures in a batch before packing and delivery. To have the correct delivered number is essential and can be easily accomplished by the DENEX PRO BatchChecker.



The DENEX PRO BatchChecker is an easy to use system that will ensure that every batch of vertically aligned products delivered to your customers has the right number of pieces.

This versatile count verification system for batches of products will eliminate errors and reduce the man-hours needed for hand counting. The operation is easy. Simply program the unit for the desired value and then slide a box of signatures under the sensing head and press the scan button. The Batch Checker will scan the batch, verify the count and report it to the operator within a few seconds.

Out of parameter values reported can be re-scanned immediately if needed or corrected and re-scanned to assure 100 % correct deliveries.

Additional production data is also added to the count information and stored in a file for each job. Multiple jobs can be handled during the operation so it will be easy to switch.

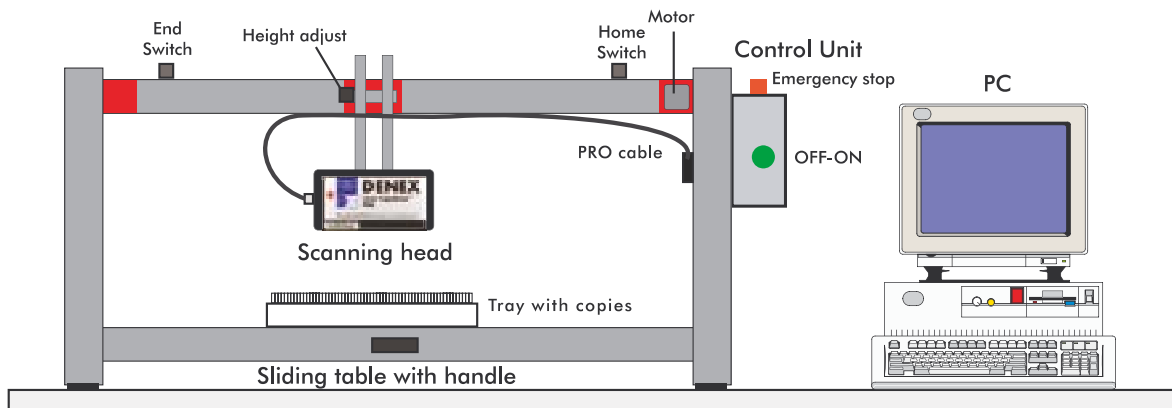
DENEX Systems Technology is an international company, which has been supplying copy sensors and production monitoring systems since 1980. We develop and install systems to newspapers and commercial printers worldwide. Most stacker and other manufacturers use DENEX CopySensors as standard.

For more information check our web site at www.denex.com or send your inquiry to sales@denex.se

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DENEX PRO BatchChecker will count the pieces to verify that the number is correct by having a specially designed laser scanning head move over each row. Counting will avoid the problems with other methods like measuring or weighing that are easily fooled by variances in materials.



A standard PC with Windows is the user interface. The operator enters basic job information as Order no., job identification and preset batch sizes. Production data will be displayed to the user. The PC monitor simultaneously displays count value per scan, count per row and accumulated value per tray. Up to six rows per tray are handled by the standard version.

Incorrect count compared to preset quantity will be indicated on the monitor so the operator can rescan the row after adding or removing pieces if necessary. The PC can be network connected and additional features like printers can be attached to present reports.

Easy and quick to use. In just seconds a new job can be started after adjusting the height for different product sizes. The scanned is done in a few seconds providing high throughput.

Specification: DENEX PRO BatchChecker

DENEX Part. No.	51M6400	Maximum Single Batch Count:	999 Maximum
Electrical control system:	Main power 115/230 VAC + 10 %	Accumulated Batches:	999.999
Accuracy:	Miscount less than 0.05 pro mille miscount for countable products according to specification.	Unit size (mm):	900(W) x 610(D) x 470(H)
Scan time per batch:	< 2.0 seconds Scan time may vary depending on product thickness and batch size	<ul style="list-style-type: none"> • Electric stepper motor drive with tooth belt driven linear motion rail. • DENEX Laser CopySensor PRO as scanning head • Standard PC with 17" TFT monitor for control and displaying of data. • Windows XP operating system. • Ethernet connection for downloading files • Tray sides must be lower at counting position • No plastic wrapping of trays for thinner products • No wrinkles accepted at scanning position for thicker products 	
Minimum material thickness:	0.2 mm		
Maximum height variation:	2.0 mm (depends on product thickness)		
Maximum scanning length:	500 mm		
Maximum tray size:	460 x 490 mm. Maximum 6 rows		
Height of tray and products:	15 - 150 mm		
Free zone between scanning head and products:	60 mm		

DENEX first BatchChecker was designed in 1990. The new PRO BatchChecker from 2006 has been improved.

A new scanning head, DENEX Laser CopySensor PRO, is used to improve counting accuracy, speed and counting thinner products.

An electric drive is used instead of the air cylinder solution to improve control features and counting speed.

A standard PC with Windows is used for easy installation, support and upgrades.

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