

EXHIBITION NOTICES:

UTECH Asia 2008

Venue: Shanghai New International Expo Centre

Dates: 3rd – 5th September 2008

Booth # 1004

NEW DEVELOPMENT:

Gelbo Flex Tester with Particle Counter

The Gelbo Flex Tester with Particle Counter manufactured by IDM Instruments Pty Ltd[®] now comes with new Particle Counters – the Solair range 3100+ and 5100+. The different models represent the different size ranges available on the Particle Counters. They both have the same features, with the difference in ranges from 0.3 to 0.5 microns. Both models have the added benefit of a 6-channel or 8-channel measuring range, with a 1.0 CFM flow rate. This change over in Particle Counters to suit the Gelbo Flex Tester allows for customers to choose their Particle Counter dependant on the test method they want to follow.



Precision Drop Tester



IDM Instruments Pty Ltd[®] have recently manufactured their Precision Drop Tester for large packaging giant in Iraq. With a lifting capacity of 75kg, the 3 metre tall instrument performs vertical impact tests on packages by dropping at maximum heights of 2.5 metres, complying with AS 2582.4, ISO 2248 Method A, ASTM D5276 and ISTA standards. Designed for card board boxes, pails, bags, containers and crates, the Drop Tester lifts the package in such a way so as not to cause damage to the operator or package. It features adjustable minimum and maximum height for loading & dropping, via a chain hoist for positioning, as well as custom made drop forks to accommodate different sized packages. The large steel base measures 1m x 1.5m x 25mm, but can also be custom made to suit specific requirements for test surface and mounting. A hand-held control and foot switch are also provided for operation.

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Cable Extension Position Transducer – M150



Celesco have introduced the world's smallest stringpot. The M150 is smaller than a thumbprint and occupies a tiny space of only 0.74 x 0.74 x 0.38 inches. With a full stroke measurement range of 1.5 inches, the M150 has been designed for space-critical applications ranging from robotics and crash-test dummies to automotive and biomedical. The heart of the M150 is a precision high-cycle conductive plastic potentiometer that delivers a high-linearity voltage position feedback signal. With its rugged all aluminium construction,

the M150 has been engineered for reliability to provide quick, easy and hassle-free installation.



Rotary Incremental Encoder

Celesco have done it again, introducing the CH-25 Incremental Encoder. This encoder comes with a 1.5 inch square flange, 3/8-inch shaft and a push-pull output driver. The CH25 also accepts a wide input voltage from 5 to 30 VDC and is available in resolutions from 100 to 5000 pulses per revolution. This encoder is perfect for many applications including electric motors, packaging machines, conveyor systems and elevators.



Cap Torque Gauge – Series MGTC



The new Series MGTC Cap Torque Gauge is a quick and economical solution for basic handheld cap torque testing. This portable instrument eliminates the need to secure closures in a fixture or more elaborate testing system. A dedicated remote torque sensor with Jacobs chuck is supplied with a universal grip for caps from 0.65 - 1.80 in [16.5 – 45.7 mm] diameter. The MGTC records both application and removal torque values (clockwise and counter-clockwise directions), and is available in three capacities from 12 to 100 lbin (135 to 1150 Ncm). The Series MGTC gauges consist of an MGT torque gauge, and G1053 cap grip. It is simple to use, with a universal grip ideal for a wide range of cap sizes. Features include peak memory for application and removal torque values, portable design, selectable units of measurement, accuracy of $\pm 0.5\%$ of full scale ± 1 digit and a sampling rate of 30 readings/sec.



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