

AccuVISION

INTERNAL BACKLIT CONVEYOR



**Bring Your Vision
Inspection To Light**

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Accuvision projects a strong, uniform light field through the translucent belt of our low profile conveyor, illuminating part profile and appearance for automatic or manual vision inspection.

The internal light source is rated for 16,000 hours and available in (3) light tones of 3000K (warm white), 4100K (cool white) and 6400K (daylight). Color rendering index (CRI) is 82+. Light field is available in (5) lengths from 7" (178 mm) to 32" (813 mm). Light source is equipped with isolation mounts to dampen vibration. Belt widths range from 2.5" (64 mm) to 24" (610 mm) with thickness of conveyor remaining at 2.28" (58 mm).

Light field width can be customized to specific dimensions by utilizing multiple banks of lights. Drives are available in fixed speed, variable speed and indexing drives with controllable accel/decel and index.

Accuvision retains the superior features found in C.T.L. products, which has gained them the reputation with our customer as the "Ultimate Low Profile Conveyor". Depicted below are a few types from our broad selection.



Precision Hi-Speed Indexing with timing-belt and removable product holders.



Positive Drive, Self-Tracking stainless steel mesh belting for high temperature, cooling and draining.



"T" Series with "Modular" product guide system.

Vacuum Wash-Down with stainless steel construction.



Conveyor Technologies Ltd.

440 Milford Parkway
Milford, Ohio 45150-9104
Phone:(513) 248-0663
Fax:(513) 248-0685
e-mail: mail@conveyortechltd.com
www.conveyortechltd.com

CONVEYOR TECHNOLOGIES' LATEST ACCUVISION BACKLIT CONVEYOR brightens the way to more efficient visual inspection by incorporating high intensity "L.E.D." Light Modules. ACCUVISION'S New Internal Lighting System penetrates the conveyor's translucent belt with an intense, uniform light field, illuminating part profile, and appearance for superior automatic or manual vision inspection.

These L.E.D. Light Modules are resistant to damage induced by shock or vibration, and their freedom from frequency oscillation make them ideal for high speed digital cameras. Vastly superior service life is rated in years, virtually eliminating light replacement. L.E.D.'s are available in both white and red for improved compatibility with digital cameras, and operate on 15 V.D.C. ACCUVISION'S light field is available in six widths (2" – 12") and five length's (6" – 30") belt widths range from 2.5" – 24" with a conveyor height of only 2.28".

ACCUVISION'S superior illumination combined with controlled movement can contribute to defect-free products by facilitating improved accuracy and speed. Drives are available in fixed, or variable speed, as well as multiple speed operation with controlled accel / decel.

A rigid single piece steel frame with extruded aluminum side rails having dual tee-slots, allows attaching auxiliary devices. ACCUVISION retains all of the exclusive features of our standard line including a two minute belt change, when mounted on our unique open stand design. Sealed-For-Life Bearings and Drive System eliminate the potential for belt and product contamination, providing virtual maintenance free operation.

The ACCUVISION INTERNAL BACKLIT CONVEYOR is part of a patented, modular product concept that is foundation to 15 different low profile conveyor types from Conveyor Technologies. This Modular System has a two year warranty with unlimited hours, and allows extensive interchangeability of components within the different conveyor types. Units are available in U.S. or metric versions.

For additional information, contact CONVEYOR TECHNOLOGIES LTD.
Tel: 513-248-0663, E; sales@conveyortechltd.com Fax: 513-248-0685,
Internet: www.conveyortechltd.com