

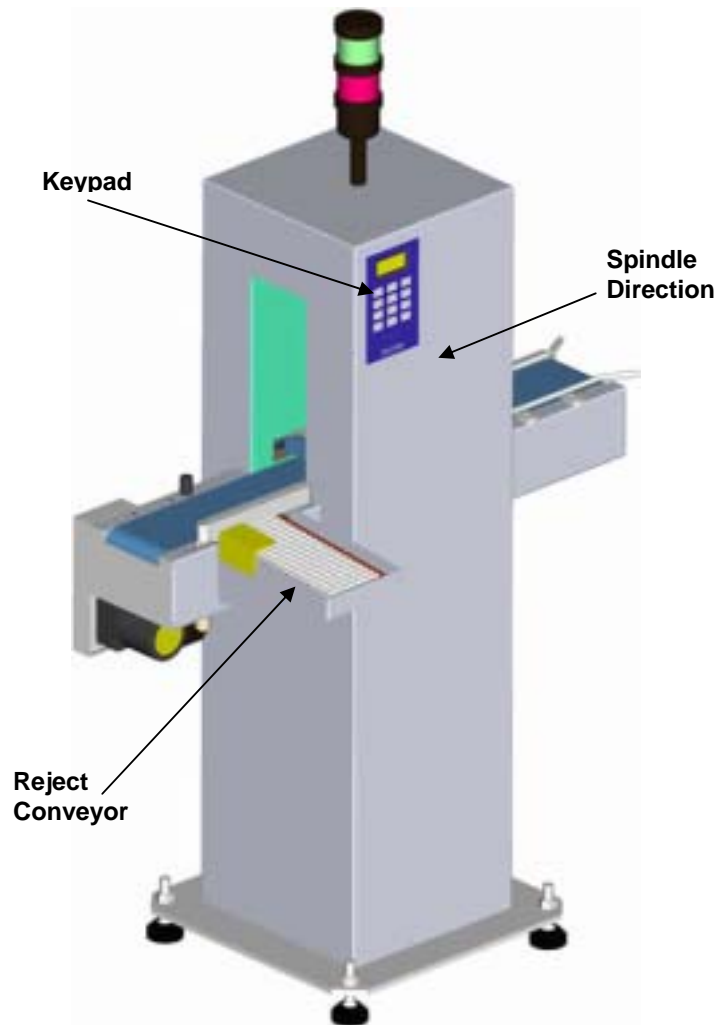


DVD-2700[©]
DVD/CD In-line Counter
Specification Document

DVD-2700[©] In-Line Counter

The Bronway **DVD-2700** In-line DVD/CD Counter is a microprocessor controlled, in-line conveyor unit, which will count and batch CD's while on the transport spindle. The DVD- 2700 has an integrated numeric keypad for data input and counter control. A backlit 4 line X 16 character Liquid Crystal Display (LCD) provides both count information and system integrity output.

Spindles can be backed up along an infeed conveyor and allowed to move through to the counter with minimum operator intervention. The reject conveyor can hold up to 2 spindles and the DVD-2700 will notify the operator when and why the spindle was rejected.



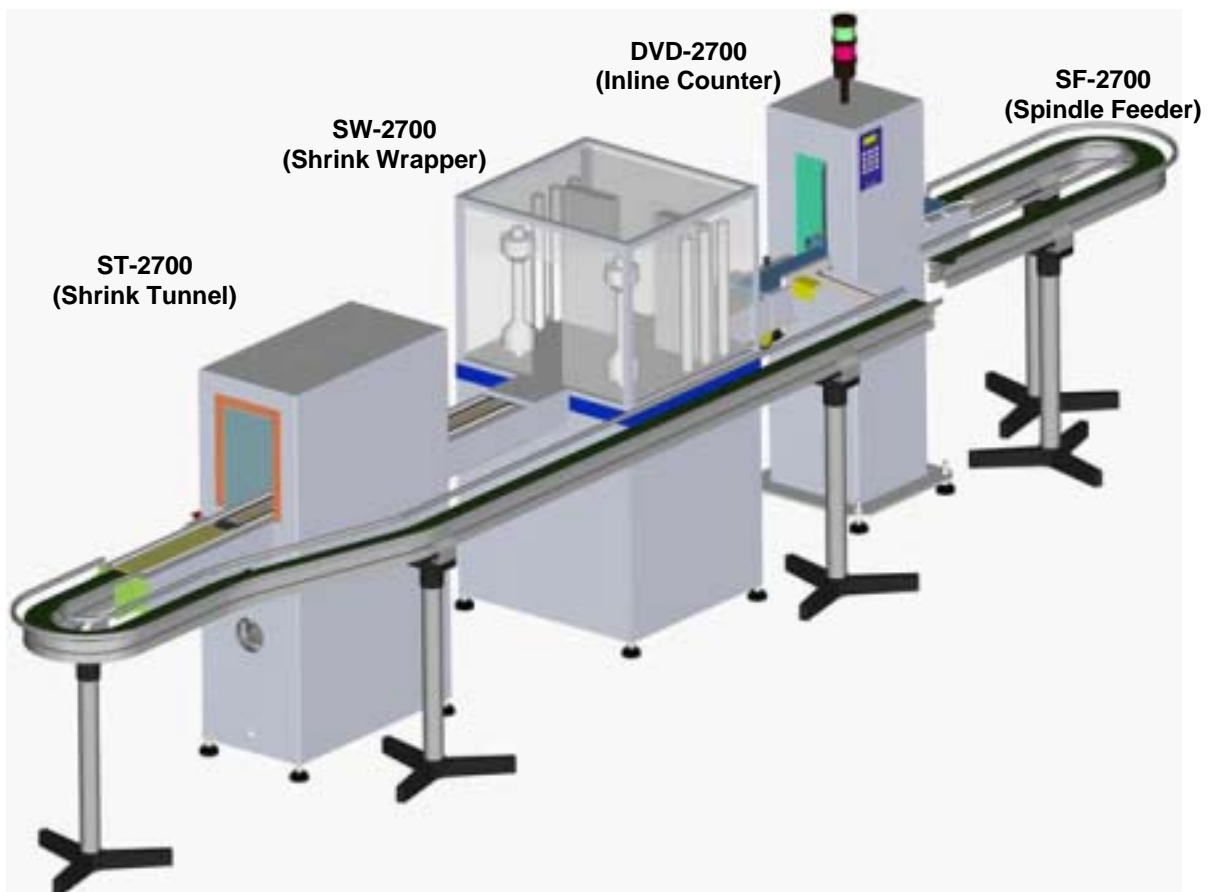
**DVD-2700
(In-line Counter)**

HOW IT WORKS:

Up to 40 spindles can be loaded onto a low friction in-feed conveyor. The DVD-2700 will feed the spindles along its conveyor belt into two stoppers. When the spindle reaches the two stoppers the DVD-2700's conveyor will stop. A count is then activated. The CDs/DVDs are counted twice to ensure an accurate count; the two values are compared and then checked against the users required count, this takes less than 4 seconds. If the count is correct the spindle is released and the DVD-2700's conveyor is restarted, the spindle is then allowed to continue along the conveyor. If the count is not equal to the count required by the user the reject arm is activated and the spindle is guided onto the reject conveyor.

The DVD-2700 is designed to operate in line with the Bronway SW-2700 shrink wrapper, or similar device or conveyor. An example of this is shown below where the DVD-2700 is connected to the SW-2700 (shrink wrapper), ST-2700 (shrink tunnel) and SF-2700 (spindle feeder).

The stopping of the DVD-2700's conveyor will not hinder the lines performance; it will improve it. The DVD-2700 will split up the backed up spindles on release, so that when the spindle continues on to the next machine, for example the SW-2700, there will be space between two spindles. This negates the need for the operator to put the spindles on incrementally.



Example: The use of a DVD-2700 in a Bulk Pack Line.

FEATURES:

- Accurate DVD/CD spindle count – less than 0.01% error.
- 4.0 second count cycle time.
- Normal and batch mode operation.
- Up to 9 stored count programs.
- Programmable to ignore blanks.
- Programmable to ignore spacers.
- Up to 40 loaded spindle build up (with optional in feed buffer conveyor SF-2700).
- Reject conveyor with a capacity for 2 spindles.
- Adjustable height of the conveyor (+-15mm).
- Serial output to label printer unit.
- Outputs to external monitoring systems.
- Audio/visual warning alarm.
- Programmable alarm parameters.
- Sounder mute facility.
- Built-in self-test on power-up.
- Floor Standing Unit – *Small Footprint*
- CE-Marked

SPECIFICATIONS:

- Dimensions 1.3m x 1m x 0.5m.
- Energy Requirements 220/110 VAC 50/60Hz.

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