

# StackerLess Validator



*Compact, hard working, low maintenance. A perfect fit for applications where speed and reliability mean everything to your bottom line.*

- ▶ 1.6 sec. validating speed
- ▶ Dual entry sensors
- ▶ Flash memory capable



**Low Cost of Ownership** – It's true! The Stackerless bill validator is built to hold up to your application's most demanding conditions, with unparalleled reliability. Every time a bill is inserted, the Stackerless self-calibrates, eliminating the need for optical adjustments. Plus, we make access to the bill path as easy as a push of a button. No tools required. Just more examples of how our innovation can lower your ownership costs!

The Stackerless is ideal for any application requiring less cash security or where the customer designs and uses their own cash collecting vault. Transportation, Vending and Amusement are just some of the markets where you'll find the Stackerless bill validator.

**Improved Performance.** Fixed-width or multi-width – it's up to you! Choose fixed-width validation. Or move up to the flexibility of our multi-width option – the perfect solution for multi-width and multi-currency validation, 62 – 77 mm wide. Unlike competitive products that use graduated bill paths, the Stackerless multi-width bill validator uses patented self-centering transport guides that automatically adjust to, and perfectly align bills even of different widths—even when fed at an angle. A complete cycle takes only 1.6 seconds.

**Advanced Sensor Technology.** Our latest technological advancements have resulted in the industry's highest validation rates. The Stackerless bill validator is designed to provide maximum authentic currency validation. Multi-color optic sensors simultaneously scan both sides of the bill for optimal pattern recognition. A patented, non-contact inductive sensor maximizes counterfeit detection; and a scientifically developed dielectric sensor detects paper density, security threads and watermarks. The result? A validation rate of 96% or greater on first bill insertion—just what you'd expect from the industry leader in patented bill validation technology.

**Beltless design reduces maintenance.** Our patented and innovative currency transport design improves performance and greatly reduces long-term maintenance costs.

**BlueChip™.** Validation software updates are now quick and easy with CashCode's BlueChip™ smart-stick memory that updates software and/or firmware in a flash.

**Anti-Stringing Protection.** CashCode's patented anti-stringing protection is the best way to secure your investment. All Stackerless bill validators are designed with cross-channel sensors, that specifically detect any materials being used for stringing. It's the best protection your money can buy.



A division of **CRANE** PAYMENT SOLUTIONS

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Working with all major central banks, CashCode sensor technology ensures all world-wide currency security features are captured - improving bonafide acceptance and rejecting fraudulent bills.



Wide Range of Bezels available. All with Diagnostic LEDs



Flash Memory with Smart-Stick™ technology allows for quick and easy currency updates.



Optional self-centering guides automatically adjust to and align multi-width notes 62-77 mm wide.

## Features

- ▶ Superior acceptance and security
- ▶ Cassetteless operation
- ▶ Four-way bill insertion Industry's first self-centering mechanism
- ▶ 62 to 77 mm or fixed-width bill validation
- ▶ Optional lock(s)
- ▶ Complete transport cycle at only 1.6 seconds
- ▶ Advanced auto-calibrating optical, inductive and dielectric sensors optimize validation rates
- ▶ Anti-stringing protection
- ▶ Tool-free, one-step easy access

## Convenience for You and Your Customers

- ▶ Validation rate of 96% or greater on first bill insertion
- ▶ Durable, metal chassis
- ▶ Remote upgradeability using CCNet protocol
- ▶ Beltless transport system lowers maintenance costs
- ▶ Quick and easy diagnostics via LED indicator
- ▶ Choice of bezels

Stackerless Validator	
Validation Rate	96% or higher
Banknote Insertion	Four-way
Banknote Width Validated	67 or 71 mm wide (fixed-width) 62 - 77 mm wide (multi-width)
Escrow	One banknote
Sensors	Auto-calibrating multi-color optical dielectric & inductive
Security Sensors	Cross-channel (anti-stringing) and dual entry
Bezel Options	Coin/vandal-resistant metal bezel; multi-width bezel; mini-bezel; and standard bezel
Protocols	CCNET, ID003, CashCode serial, and most other industry standard protocols supported
Interfaces Supported	Serial, pulse, parallel-pulse or bi-directional (with open collector, opto-isolated or RS232)
Program Memory	Flash memory with Smart-Stick
Operating Voltage	10V DC to 14V DC
Operating Temperature	0° C to 50° C
Current Requirements	0.6A DC
Validation M.T.B.F.	1.5 million cycles
Complete Transport Cycle	< 1.6 sec.
Dimensions (W x H x D)	97 x 132 x 132 mm (closed); 97 x 217 x 191 (open)
Weight	1 kg
Manufactured in	Canada
Warranty	Two years