Compact Automatic Currency Authenticators

Engineered for Performance and Reliability.

The Semacon S-900 Series Compact Automatic Currency Authenticators employ Semacon's state of the art SmartCert™ imaging, measuring and analysis technology for the advanced detection of US counterfeit banknotes.

Our new compact ergonomic design includes an optional rechargeable battery making it the smallest and most versatile counterfeit detector available while still providing the accuracy and reliability you expect from Semacon.

PASS
FAIL
DIR

SEMACON

S-960 CURRENCY AUTHENTICATOR

SEMACON Count on one.

Compact Automatic Currency Authenticators

Model S-950: AC Operation Only
Model S-960: AC or Battery Operation

Ease of Use
The Semacon S-900 Series Compact Automatic Currency Authenticators feature a simple Pass/Fail indicator and eject direction control in a durable compact space-saving design. Feeding a bill into the machine is done quickly and easily, followed by an immediate indication of the authentication results.

State of the Art Detection Technology
The S-900 Series utilizes Semacon's SmartCert™ leading edge technology including custom designed sensors to authenticate each banknote. The machine verifies the banknote paper density and size and checks both sides of the banknote for validity of the magnetic features, metameric infrared marks, ink properties and banknote infrared images. Banknote authenticity is based on an integral analysis of all measurements taken, providing the highest counterfeit detection accuracy available in a compact point of sale machine.

Fast Processing and Results
Banknotes are processed at a rate of 80 per minute. Authenticated notes may be ejected through the rear of the machine or returned to the feed tray and cause the PASS indicator to be illuminated. Suspect notes are returned to the feed tray and cause the machine to beep and the FAIL indicator to be illuminated.

Optional Rechargeable Battery
Model S-960 features an internal rechargeable lithium-ion battery which enables the machine to be used with or without an AC power cord. While plugged in, the battery is automatically recharged. While in battery mode the machine will operate for 10–14 hours depending on the frequency of use.

Optional Belt Holster
For portable applications, an optional Belt Holster is available for model S-960 that enables the operator to authenticate bills while wearing the machine on their belt.

Upgrades
These models can be easily upgraded to handle any future banknote releases which may be issued by the Federal Reserve Bank.

Semacon Quality Promise
All Semacon machines are extensively tested and burned in under rigorous conditions in our US facility, assuring the highest possible quality and reliability.

S-900 Series

Currency Types
All USD Banknotes

Processing Speed
Less Than 0.75 Seconds

Power Requirements
100-240VAC / 50–60Hz /
12VDC Adapter

Battery (Model S-960)
Li-Ion 12VDC Rechargeable

Dimensions
4.75"W x 3.25"D x 2.5"H
(120W x 82D x 63H mm)

Weight
12 oz (340 g)

For further information or to order, please contact:

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www.semacon.com