

# Counting Devices

## Desktop Card Counter

Counting Tools For Professionals

### CountStar M



### First Industry 4.0 Ready Generation

#### THE WORLD'S FASTEST ALLROUNDER CARD COUNTING MACHINE

FOR REGULAR AND THE MAJORITY OF DEMANDING CARD TYPES

#### SPECIFICATION

- Application: ABS, PVC, PC, PET or other plastic compounds, cartons
- Card Format: ID1 (53,98 x 85,6mm)  
landscape orientation
- Card Types: blank, coloured cores, most types of clear, translucent, embossed etc.
- Card Thickness: ~ 0.40 mm - 5 mm  
(~ 16 mil. – 200 mil.)
- Max. Card Box Length: 465 mm (18.3 inches)
- Display: 22" touch-screen
- Control Unit / OS: fanless, industrial PC, WIN 10 IoT
- Camera Type: high resolution camera USB 3.0  
line scan camera
- Process: contactless, most advanced digital image analysis software
- Light Source: LED bar
- Interfaces/Ports: 4 x USB 3.0 / 1x Ethernet
- Dimensions W x D x H: 690 mm x 540 mm x 520 mm
- Weight: 48 kg
- Operating Voltage: AC 100V - 230V, 50Hz – 60Hz
- Power Consumption: 130 W

Technical changes reserved.

ALL THAT COUNTS.  
**MICTOM**  
applied engineering GmbH & Co. KG

Made in Germany

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#### NEW FEATURES

- Optional software upgrade packages to support process automation (details of available options explained on a separate spec sheet)
- Consistent User Interface achieved by scalability to different screen sizes
- Individually adjustable sizes of control buttons and wording on the GUI (in certain limits)
- Individually adaptable denomination of control elements on GUI (in certain limits)
- Superior new digital image analysis software
- New onboard state-of-the-art counting program developer tool to conveniently create new programs or to modify existing programs and save these onto the machine
- Simple and very convenient machine operation by a protected 22 " high resolution touch-screen
- Compensation of different card box bottom heights
- Usage of superfast USB 3.0 camera technology

#### FURTHER BENEFITS

- Accurate counts of standard card types range; from regular card types to special card types
- Counting of most card types through shrink-wrap (shrink-wrap must be tight + level of wrinkles minimised)
- Fastest counting speed of **1 sec.** per 500 cards box
- Contactless counting process by state-of-the-art software analysis of high resolution image
- Counts cards inside boxes which eliminates time consuming card loading / unloading processes
- Convenient and fast card box loading and unloading
- Rugged machine design guarantees a reliable, long-term performance in rough production environment
- Very low power consumption

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