

Counting Devices

Desktop Card Counter

Counting Tools For Professionals

CHAMP



ALL THAT COUNTS
MICTOM
applied engineering GmbH & Co. KG

First Industry 4.0 Ready Generation

THE UNDISPUTED NO.1 CARD COUNTING MACHINE

FOR ALL REGULAR AND MOST 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: all types of blank, coloured cores, clear, translucent, embossed etc.
- Card Thickness: ~ 0.20 mm - 5 mm
(~ 8 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: super high resolution
USB 3.0 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: 65 kg
- Operating Voltage: AC 100V - 230V, 50Hz – 60Hz
- Power Consumption: 130 W

Technical changes reserved.

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 an unrivalled range from regular card types to most difficult, special card types
- Precise counting results through shrink-wrap (shrink-wrap must be tight + level of wrinkles minimised)
- 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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