

# Counting Devices

## Desktop Card Counter

Counting Tools for Professionals

# CHAMP



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

## First Industry 4.0 Ready Generation

**THE UNDISPUTED NO.1 CARD COUNTING MACHINE**  
FOR ALL REGULAR AND MOST DEMANDING CARD TYPES

### SPECIFICATION

- 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 7 PRO 64 bit
- Camera Type: super high resolution  
USB 3.0 camera
- Process: contactless, most advanced  
digital image analysis software
- Light Source: LED bars
- Interfaces/Ports: 4 x USB 3.0 / 1x Ethernet
- Dimensions W x D x H: 690 mm x 540mm x 520mm  
(width x depth x height)
- Weight: 58 kg
- Operating Voltage: AC 100V - 230V, 50Hz – 60Hz
- Power Consumption: 130 W

Technical changes reserved.

Made in Germany

**Advanced Card Systems and Solutions, Inc.**

1775 Route 34 South, Suite D12, Farmingdale, New Jersey, 07727

Tel: (732) 282-9002 Fax: (732) 282-9003

Sales@AdvancedCardSystems.com

www.AdvancedCardSystems.com

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### NEW FEATURES

- Optional software upgrade packages to meet future requirements of **industry 4.0** (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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