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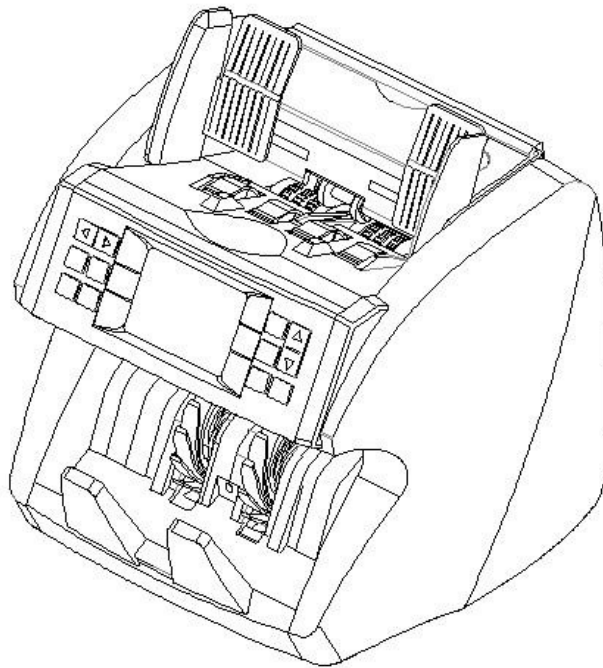
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Currency counter

Multi Value 3200



ENGLISH

User Manual

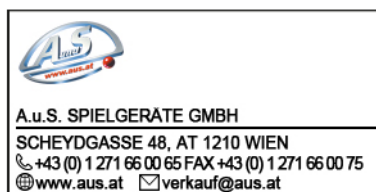


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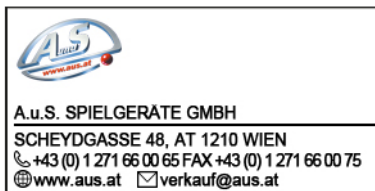
The present user manual contains a section with warranty certificate and warranty terms and conditions. Please keep the present manual at least until the end of the warranty period of the device.



Safety precautions

Please read the safety precautions below before operating the Currency Counter. They must be observed to avoid any potential hazards that could result in personal injuries or damage to the Currency Counter.

1. To avoid the risks of damaging the device or causing injury to users, install the counter on a flat steady surface.
2. Always switch the counter off and unplug the power cable after you have finished working with it
3. To clean the sensors (feeding sensor, stacker sensor and counting sensors) use a soft cloth or a brush.
4. If any failures or crashes occur, contact the technical support service.
5. To avoid display malfunctions, turn the counter on after 5 seconds from the moment of its last shutdown.



Thank you for choosing **A.u.S. Spielgeräte** equipment.

A.u.S. Spielgeräte offers a wide range of equipment for trade, service and finance enterprises, including reliable and easy to use banknote and coin counters, multifunctional and automated currency detectors, vacuum and non-vacuum banknote packagers and more. Detailed information on the whole range of **A.u.S. Spielgeräte** equipment is available at www.aus.at.

2. Purpose of the currency counter

Multi Value 3200 - are designed for counting large amounts of banknotes of various currencies.

These counters are reliable and easy to use and have the ability to detect the genuineness of different notes.

3. Declaration of conformity

The currency counter conforms to the following requirements:

CU TR 004/2011 «On safety of low-voltage equipment»;

CU TR 020/2011 «Electromagnetic compatibility of technical equipment».



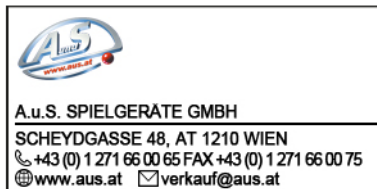
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The manufacturer maintains the right to change machine's specifications and control algorithms.

Multi Value 3200

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Specifications

Model	Multi Value 3200
Dimensions (WxDxH)	28x26x27 cm/11x10.2x10.6"
Net weight	6,5 kg
Gross weight	7,5 kg
Counting speed	900/1200/1500 banknotes/min
Size of countable banknotes	from 110x60 mm to 185x90 mm
Thickness of countable banknotes	0.08~0.12 mm
Feed system	Roller friction
Hopper capacity	500 banknotes
Stacker capacity	200 banknotes
Power supply	100~240V ±10% AC current, 50/60 Hz, 1.8A
Power consumption	less than 50 W
Working temperature	0~35°C
Storage temperature	-10~60°C
Ambient humidity	20%~90% (with no condensation)
Available interfaces	USB, RS232, LAN

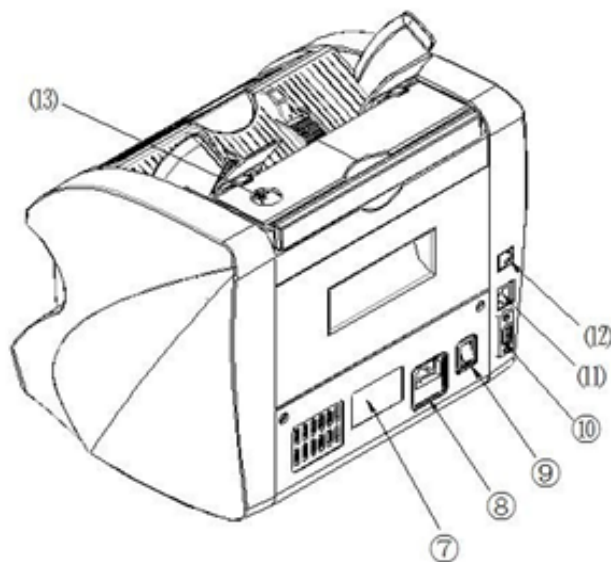
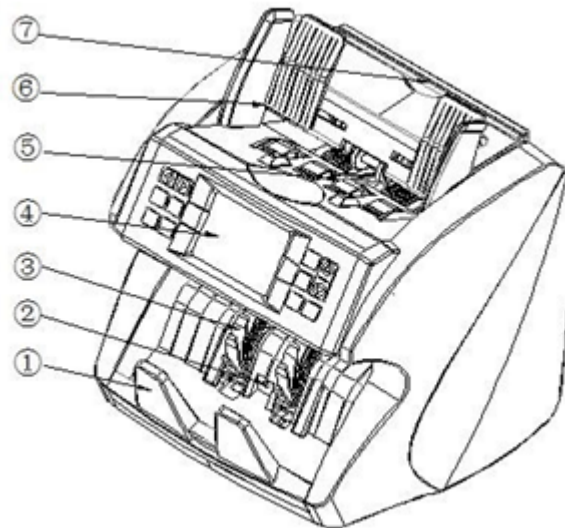
Multi Value 3200

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Design of the counter Exterior



Multi Value 3200

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1	Stacker stopping plate
2	Stacker sensor
3	Impeller
4	LCD Display
5	Hopper sensor
6	Banknote guide
7	Handle
8	Power connector
9	Power switch
10	RS-232 interface
11	LAN interface
12	USB interface
13	Adjustment screw

Control panel



Control keys



Press to move the cursor to the left or select batch number.



Press to move the cursor to the right, select batch number or enter the settings menu.



Press to turn on/off the batch function.



Press to choose available currency types. Press the key corresponding to the necessary currency number (ref. to the diagram on p. 10).



Press to turn on/off the ADD function (addition to the count results) or display the count results.



Press to select counting mode. CNT (simple count), SDC (single denomination count) и MDC (mixed denomination count).



Press to select counting speed.



Press to confirm the input data. If a printer is connected to the counter, press this button to print the count results.



Press to move the cursor up or increase batch number.



Press to move the cursor down or decrease batch number.



Press to delete the input data or return to the previous menu.



Press to start the count or return to the previous menu.

Keys and numbers correspondence diagram



Operational procedure

Place the banknotes in the hopper to start the count.

Working modes

CNT mode (simple count)

Press the MODE button to select the CNT mode (simple count). In this mode you can turn on the ADD and BATCH functions (addition to the count results and batching).


SDC mode (single denomination count)

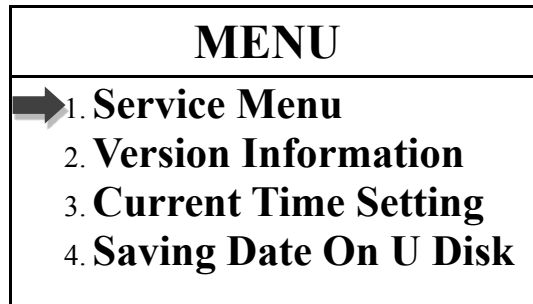
Press the MODE button to select the SDC mode. This mode is designed for the count of banknotes of one denomination. The counter takes the first banknote as a reference and stops the count when a banknote of a different denomination is received.

MDC mode (mixed denomination count)

Press the MODE button to select the MDC mode. This mode is designed for the count of banknotes of multiple denominations. Press the DISP button to see the count results.

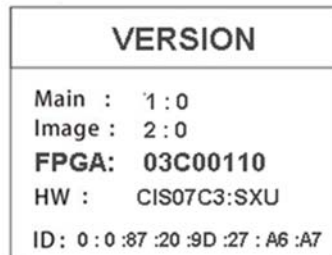
Settings menu





Press the button once , to see the following interface:

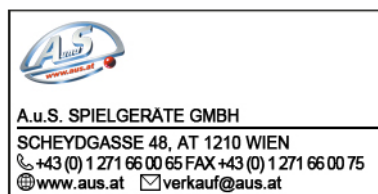


Select a submenu using the buttons  ,press  to confirm or  to exit.

1. Service Menu is designed for service maintenance and is not available for users.
2. Choosing "Version Information", will display the installed software version.



3. «Current Time Setting» submenu is designed to set date and time. Use the buttons   to choose the parameters and the buttons   to change them.





4. «Save date of U disk» menu allows saving data on the U disk. To do that, connect the U disk via USB cable and turn on the counter. Start the count. Count data will automatically save on the U disk as a file «ERR». If the counter doesn't detect counterfeit banknotes during this procedure, save the data in the SDC mode.

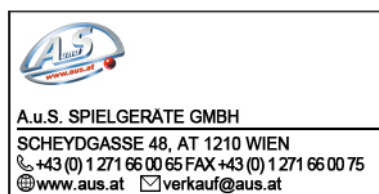
Type of detection provided by DoCash 3200-Value currency counter

The counter implements various types of detection:

- ultraviolet radiation (UV),
- magnetic detection (MG),
- magnetic thread detection (MT),
- reflected IR mapping,
- penetrating IR mapping,
- optical image detection (via high-definition CIS sensor),
- RGB image detection (spectral analysis of paint),
- 3D-detection (geometrical dimensions),
- image density detection (doubling),
- integrity detection.

Troubleshooting

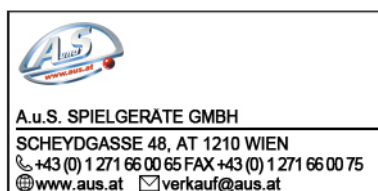
After launch, the counter will start an error check automatically. If the starting screen shows on the error code, it is most likely because the sensor is covered with dust or blocked by banknotes. Please, clean the sensor with a brush or a soft cloth and remove the banknotes. Restart the device.



Error code	Error cause
E1	UV sensor error
E2	Doubled banknotes
E3	Chained banknotes
E4	Half of a banknote
E10	CIS-sensor signal loss
E11	Denomination error
E12	Banknote denomination error
E13	Front side recognition error
E14	Size detection error
E15	Reverse side recognition error
E20	MT Error
E21	MG1 Error
E22	MG2 Error
E23	MG3 Error
E24	MG4 Error
E30	IR penetration error 1
E31	IR penetration error 2
E32	IR penetration error 3
E33	IR penetration error 4
E34	IR penetration error 5
E35	IR penetration error 6
E36	IR penetration error 7
E37	IR penetration error 8
E38	IR reflection error 1



E39	IR reflection error 2
E40	IR reflection error 3
E41	IR reflection error 4
E42	IR reflection error 5
E43	IR reflection error 6
E44	IR reflection error 7
E45	IR reflection error 8



Warranty

The warranty period is 12 months from the day of delivery subject to compliance with the conditions of use and storage indicated in this Manual and additional conditions specified in the Warranty Coupon. Manufacturer shall be released from any obligation for the counter malfunction resulting from improper transportation, storage and use, as well as from mechanical failure.

Transportation and storage

Allowed temperature during transportation is from – 30 to + 50 °C. Storage of the counter is allowed only in heated places at the temperature from +1 to + 40 °C and relative air humidity of up to 80% (at 25 °C).

Storage time of the detector – 2 years

Complete Set

Multi Value 3200 comes standard with:

Currency counter	1 pce
Power supply cable	1 pce
User manual	1 pce
Customer display (optional)	1 pcs

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