

# **ФОТОГРАФИЧЕСКИЕ ИЗОБРАЖЕНИЯ МЕДИЦИНСКОГО ИЗДЕЛИЯ**

**Анализатор хемилюминесцентный автоматический Maccura i в составе,  
варианты исполнения**

**производства**

**Maccura Medical Instrument Co., Ltd./ «Маккура Медикал Инструмент Ко.,  
Лтд.», Китайская Народная Республика**

**2023**

## **Анализатор хемилюминесцентный автоматический i 1000 в составе**



Модуль анализатора хемилюминесцентного автоматического i 1000 – 1 шт.

# i1000

Automatic Chemiluminescence Analyzer

Model: i1000

SN 18AB2A02011 2022-10

Voltage: 100V-240V~50/60Hz

Power: 1000VA

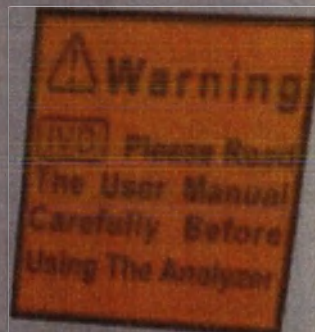
Operating Temperature: 10°C~30°C



Maccura Medical Instrument Co., Ltd.  
Building 4, 8#, 2nd Anhe Road, Hi-tech Zone,  
611731 Chengdu, PEOPLE'S REPUBLIC OF CHINA



Humiss International B.V.  
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E-mail: ce-tech@humiss.com



1010007210000140  
110200220002  
1137271005  
117272020  
121100002002011



maccura

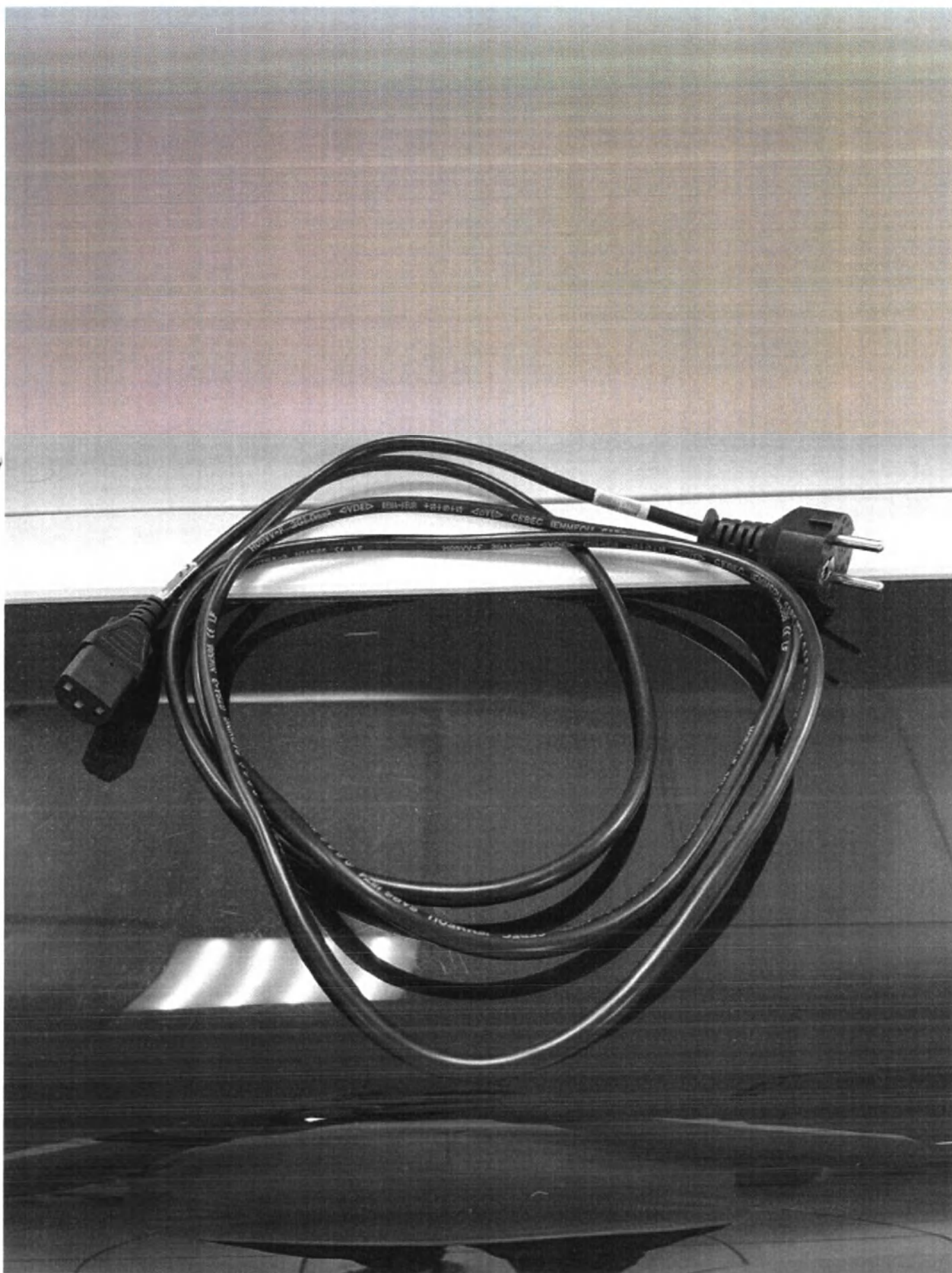
Шильд модуля анализатора хемилуминесцентного автоматического i 1000 – 1 шт.



Сканер штрих-кодов с USB-кабелем – 1 шт.



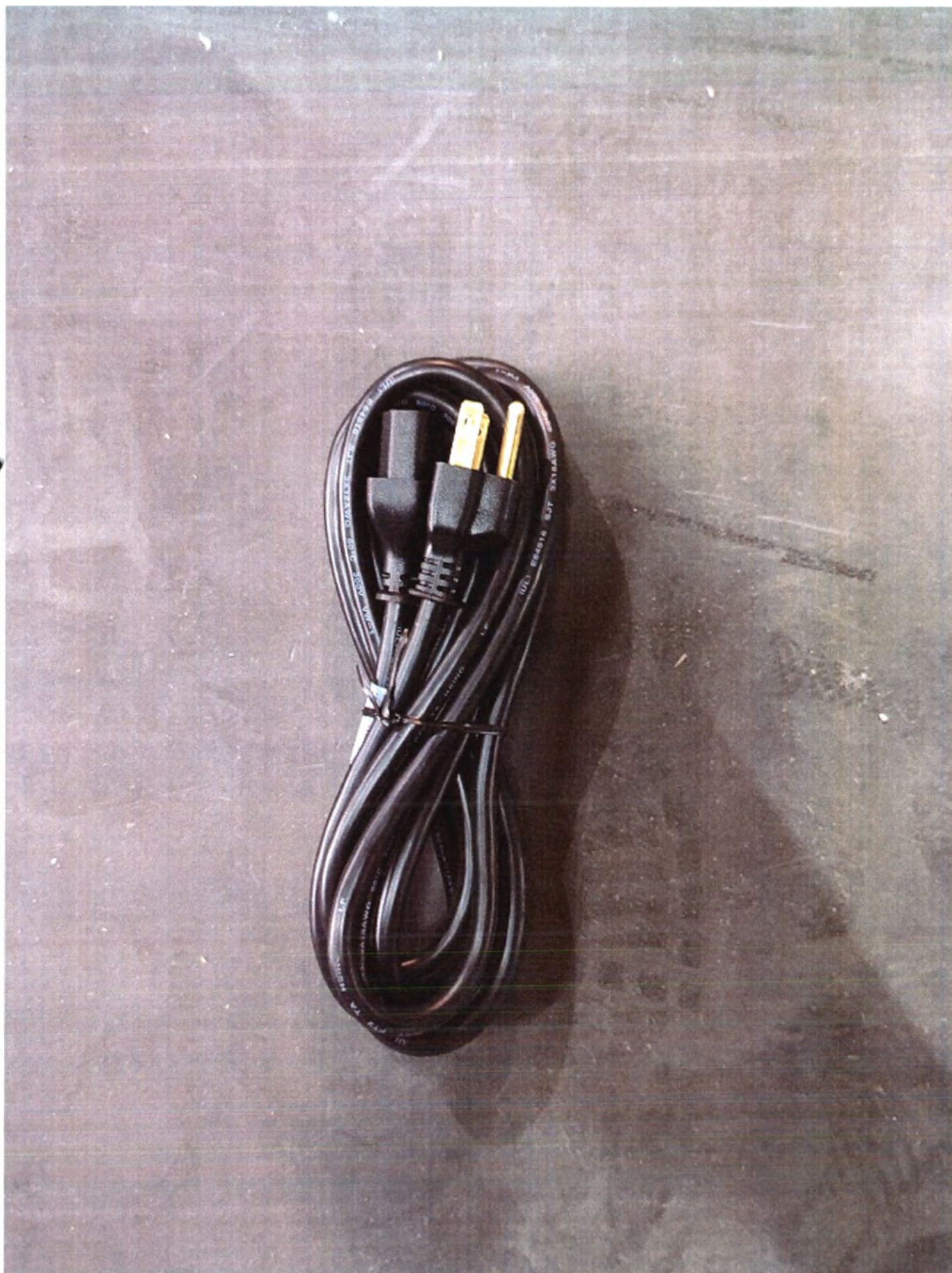
Держатель для сканера штрих-кодов на подставке – 1 шт.



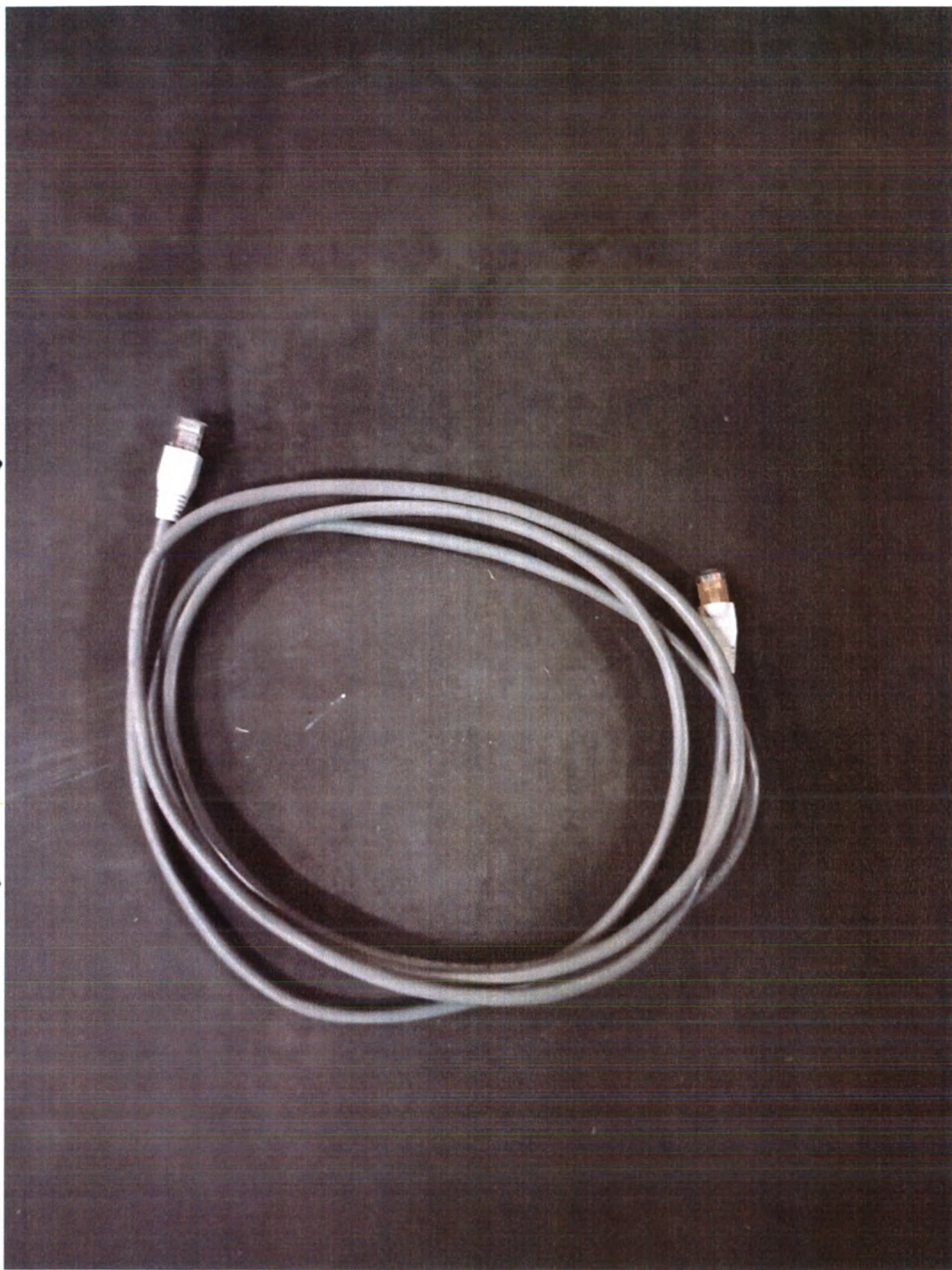
Кабель питания стандарта ЕС – 1шт.



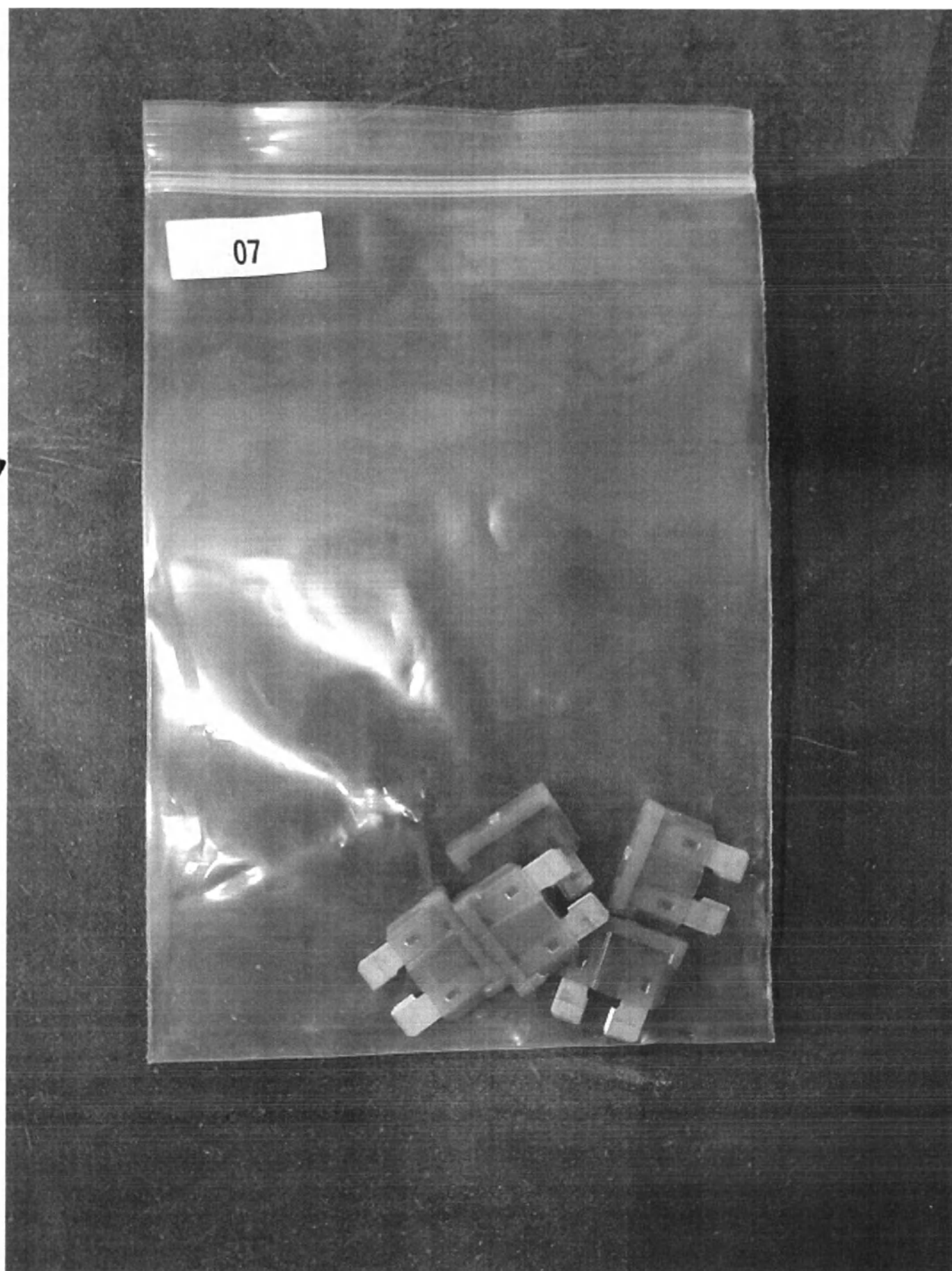
Кабель питания стандарта Великобритании – 1 шт.



**Кабель питания стандарта США – 1 шт.**



Кабель сетевой – 1 шт.



**Предохранитель постоянного тока 2А – 5 шт./уп.**



Предохранитель постоянного тока 25А – 5 шт./1уп.

09

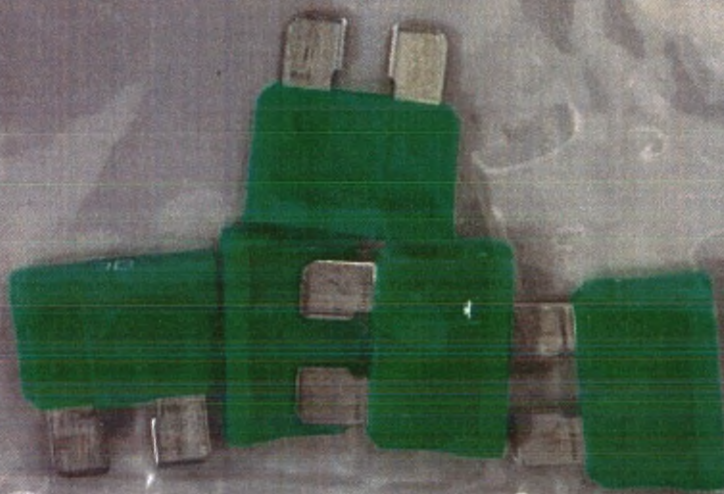
— "Batch Input" — Input end sample number or number  
6.1.2 Place the sample rack in the sampling channel.  
6.1.3 Execution: "Start" —  
6.2 Emergency sample  
6.2.1 "Start" — "Test Selection" — "STAT" — Input rack number  
6.2.2 Place the emergency sample rack in the sampling channel.  
6.2.3 "STAT" — Select Emergency Channel — "Start"  
6.3 Retest sample: "Work" — "Data Review" — Select the sample  
— Input the corresponding rack number and position number

## 7. Shutdown

"Utility" — "Maintain" — "Instrument Maintenance" — "Shutdown"

## 8. Maintenance

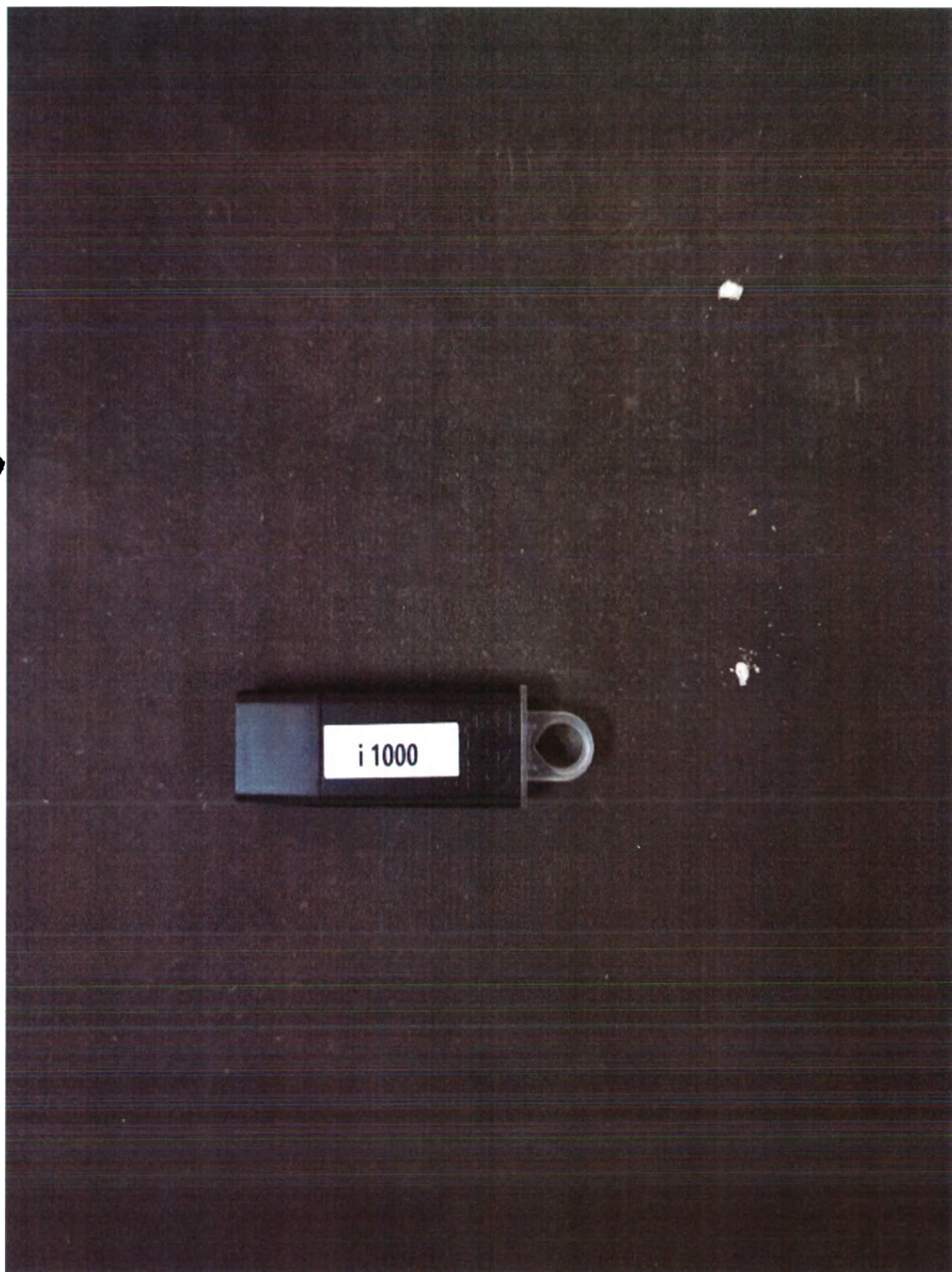
In the power-off status, use the key to open the round lock on the



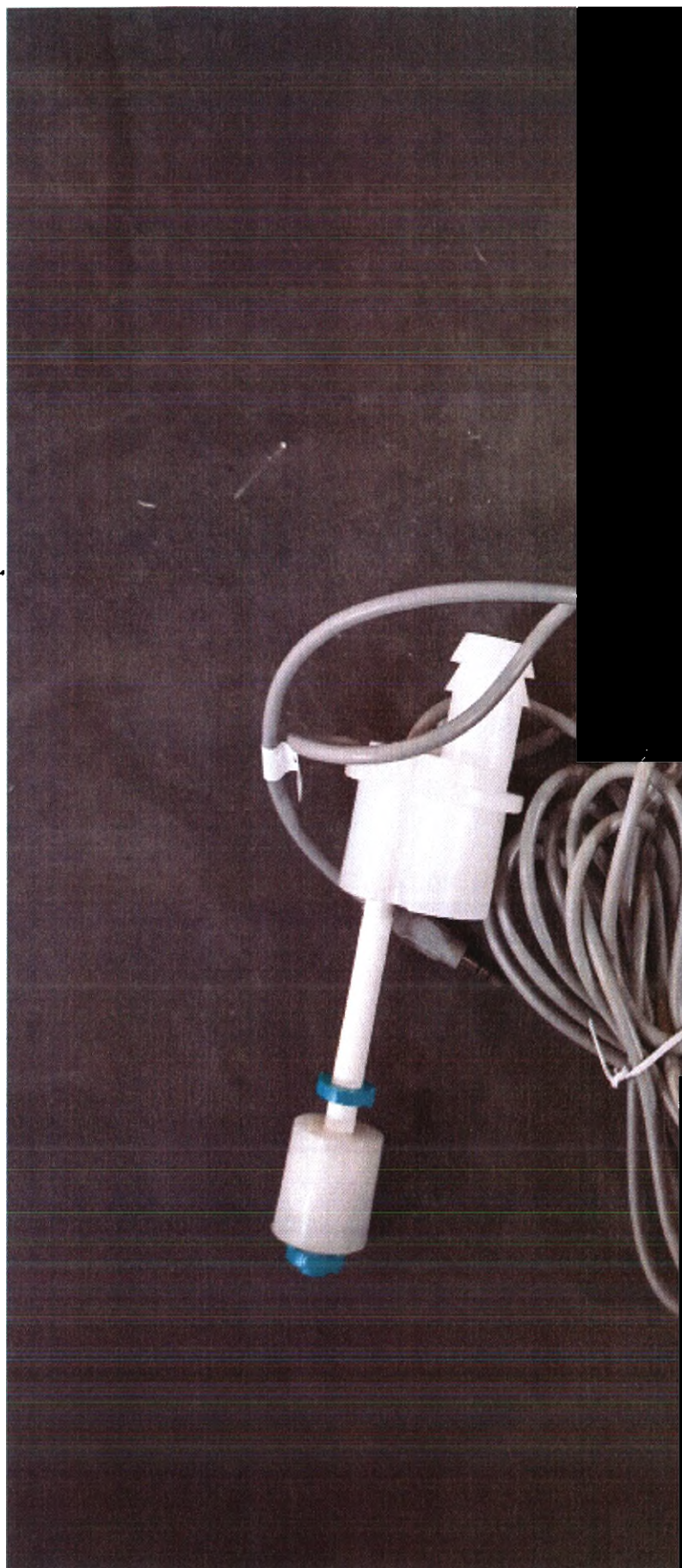
Предохранитель постоянного тока 30А – 5 шт. /уп.



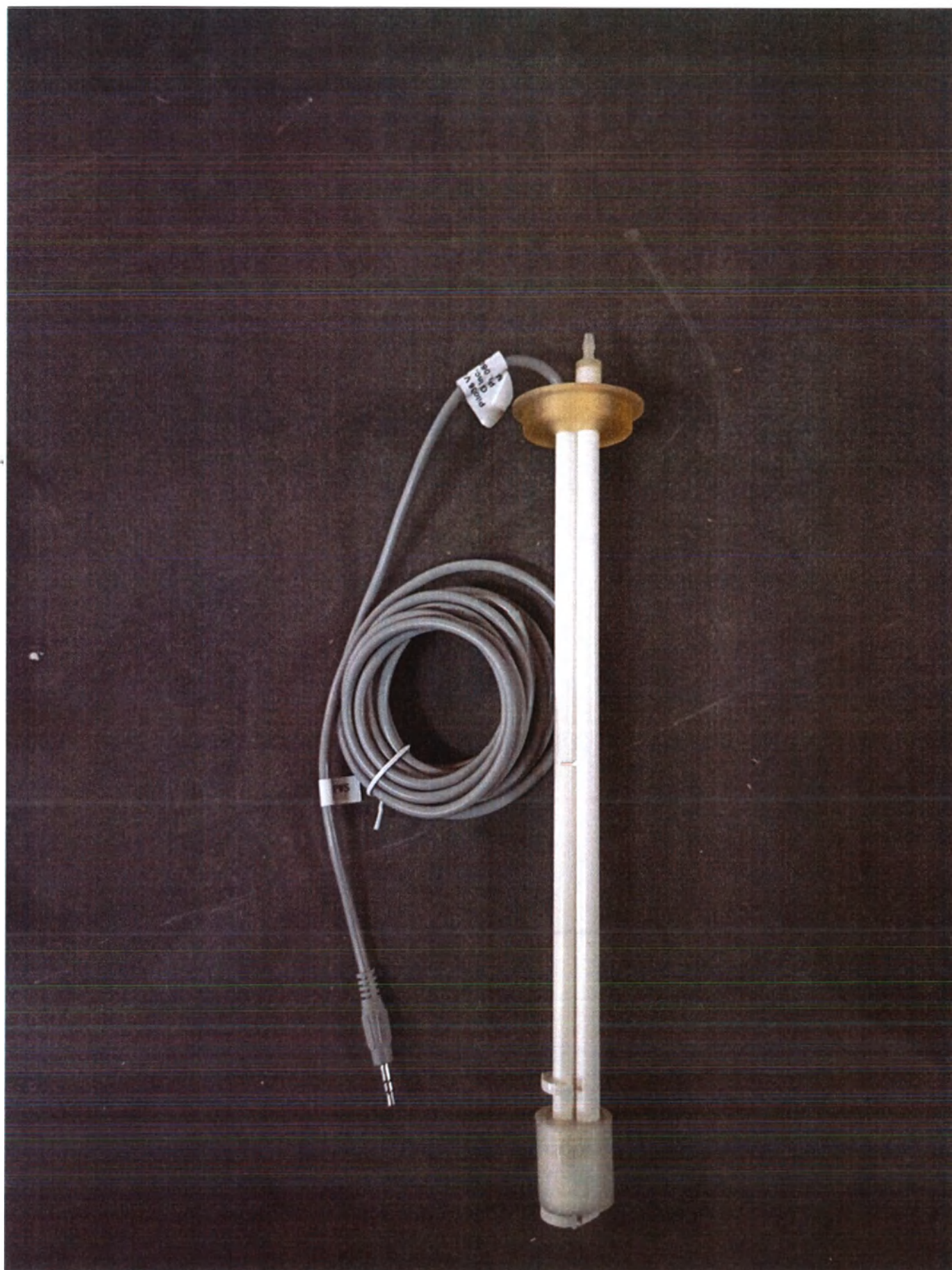
**Предохранитель переменного тока 10А – 10 шт./уп.**



USB флеш-накопитель – 1 шт.



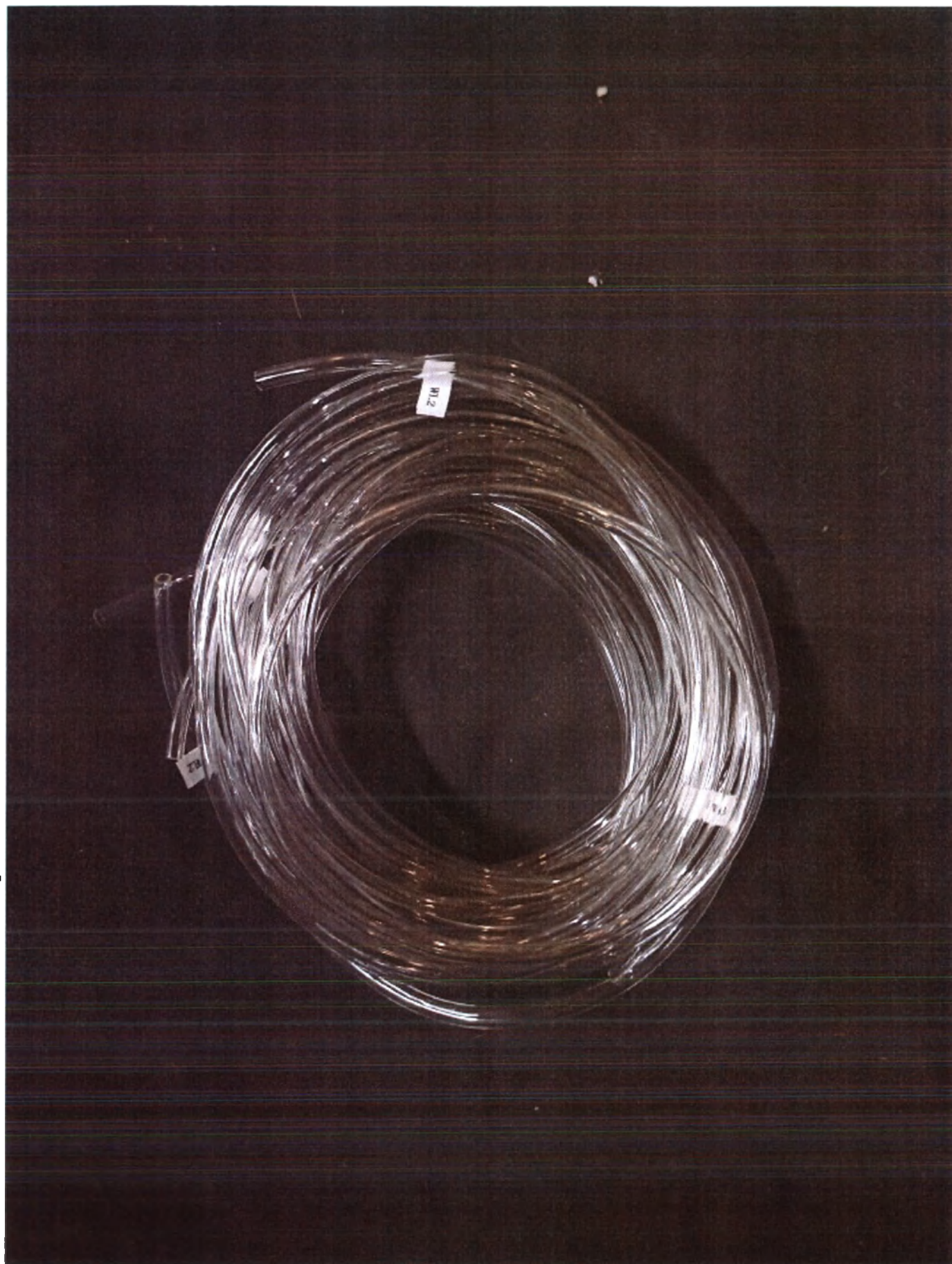
**Переключатель поплавковый для контейнера для жидких отходов – 1 шт.**



Переключатель поплавковый для контейнера для очищенной воды – 1 шт.



Переключатель поплавковый для контейнера для промывающего раствора – 1 шт.



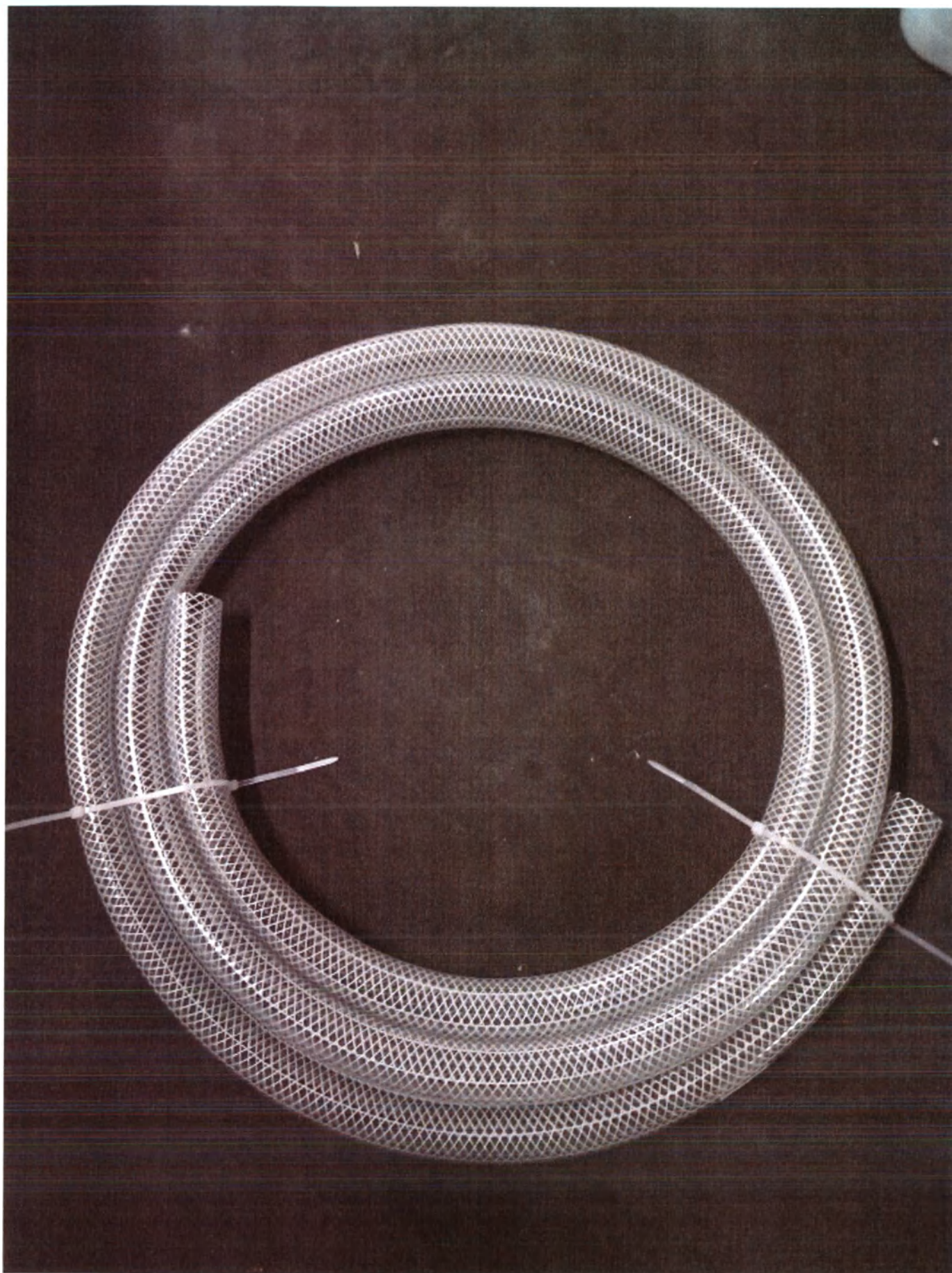
Трубка из полиуретана – 3 шт. / 1 уп.



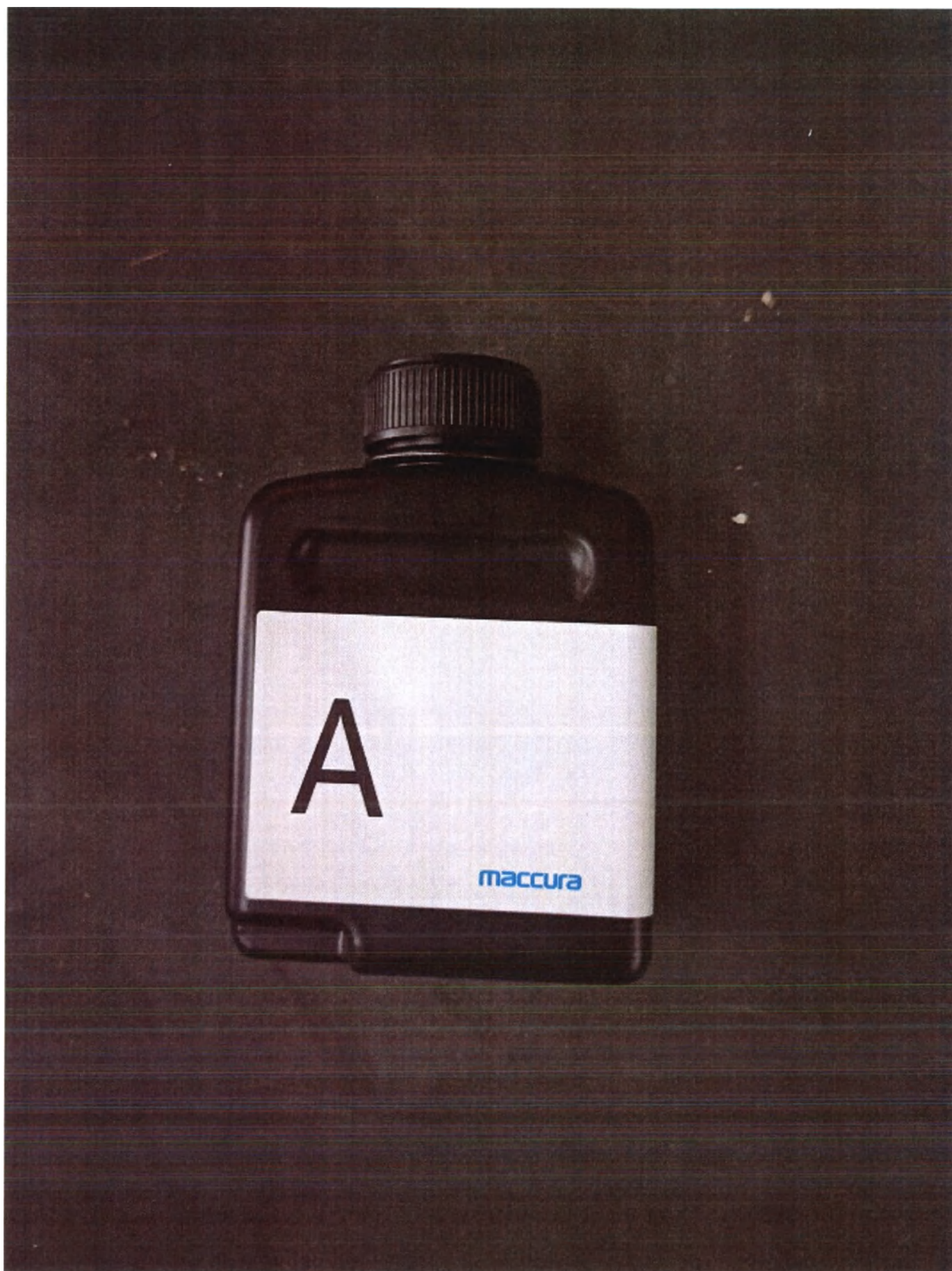
Накладка резиновая – 6 шт./1уп.



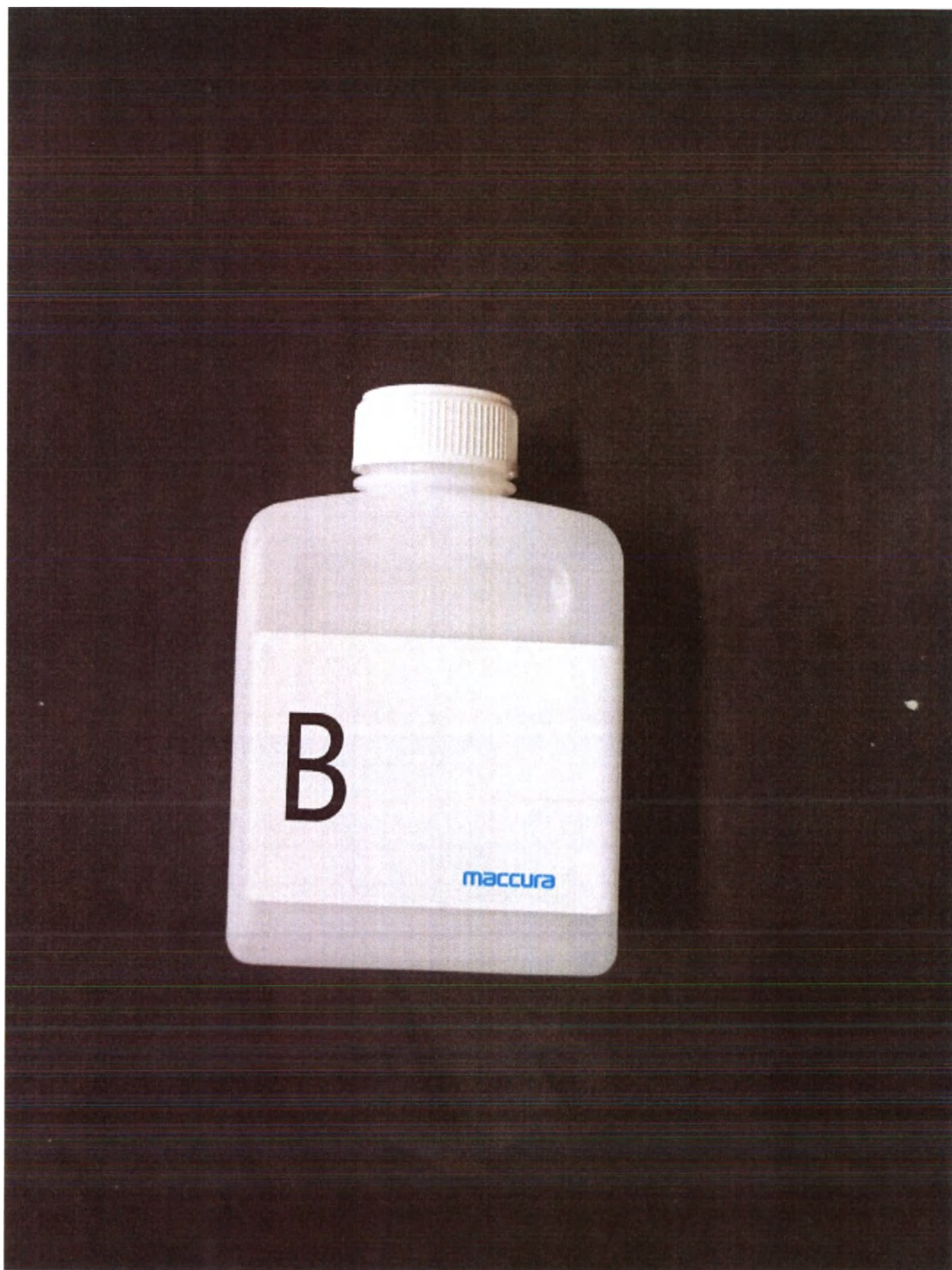
Прокладка ограничительная – 2 шт. /уп.



Шланг для удаления жидких отходов – 1 шт.



Бутыль А – 1 шт.



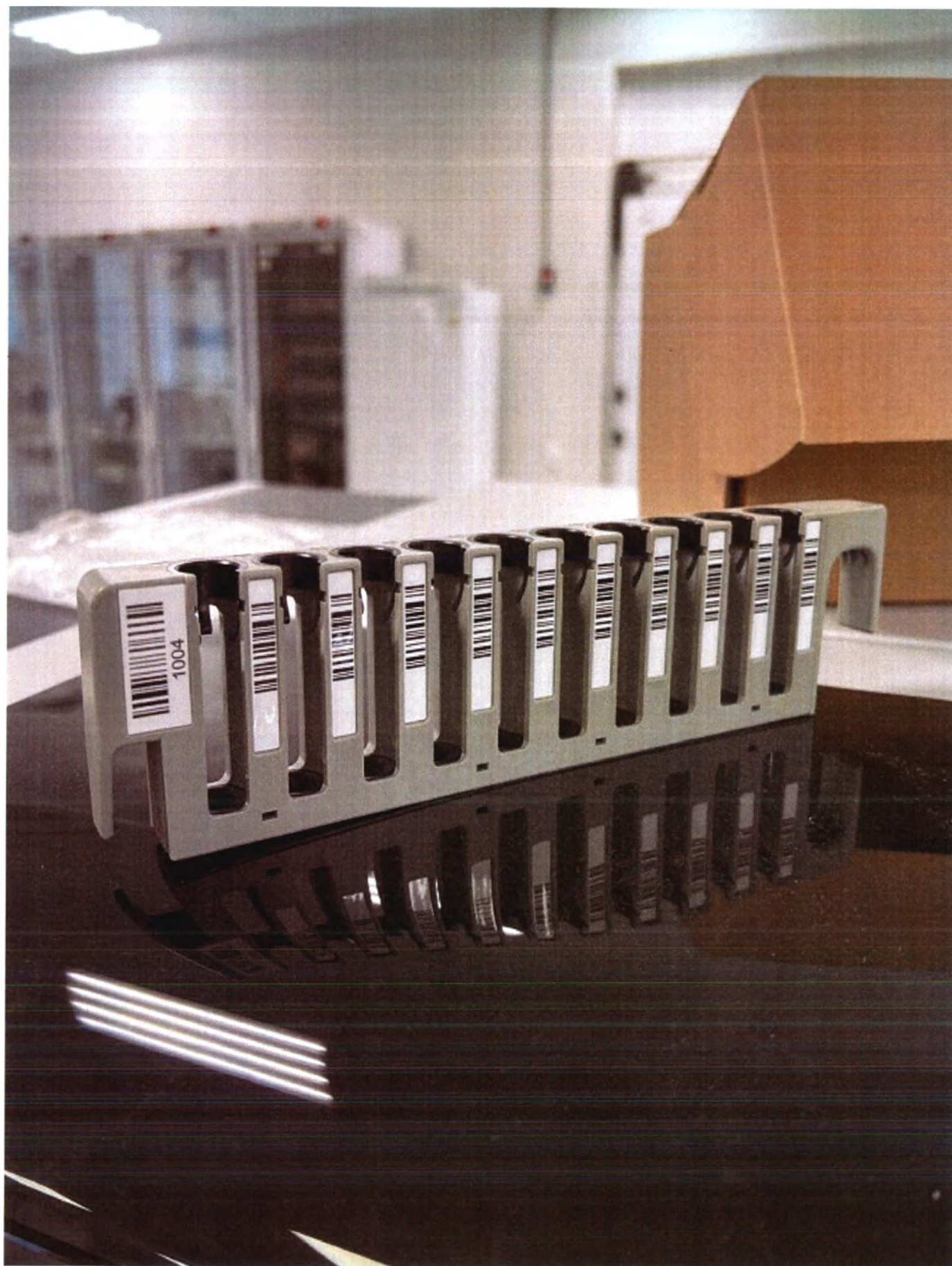
Бутыль В – 1шт.



Кювета реакционная – 500 шт./1 уп.



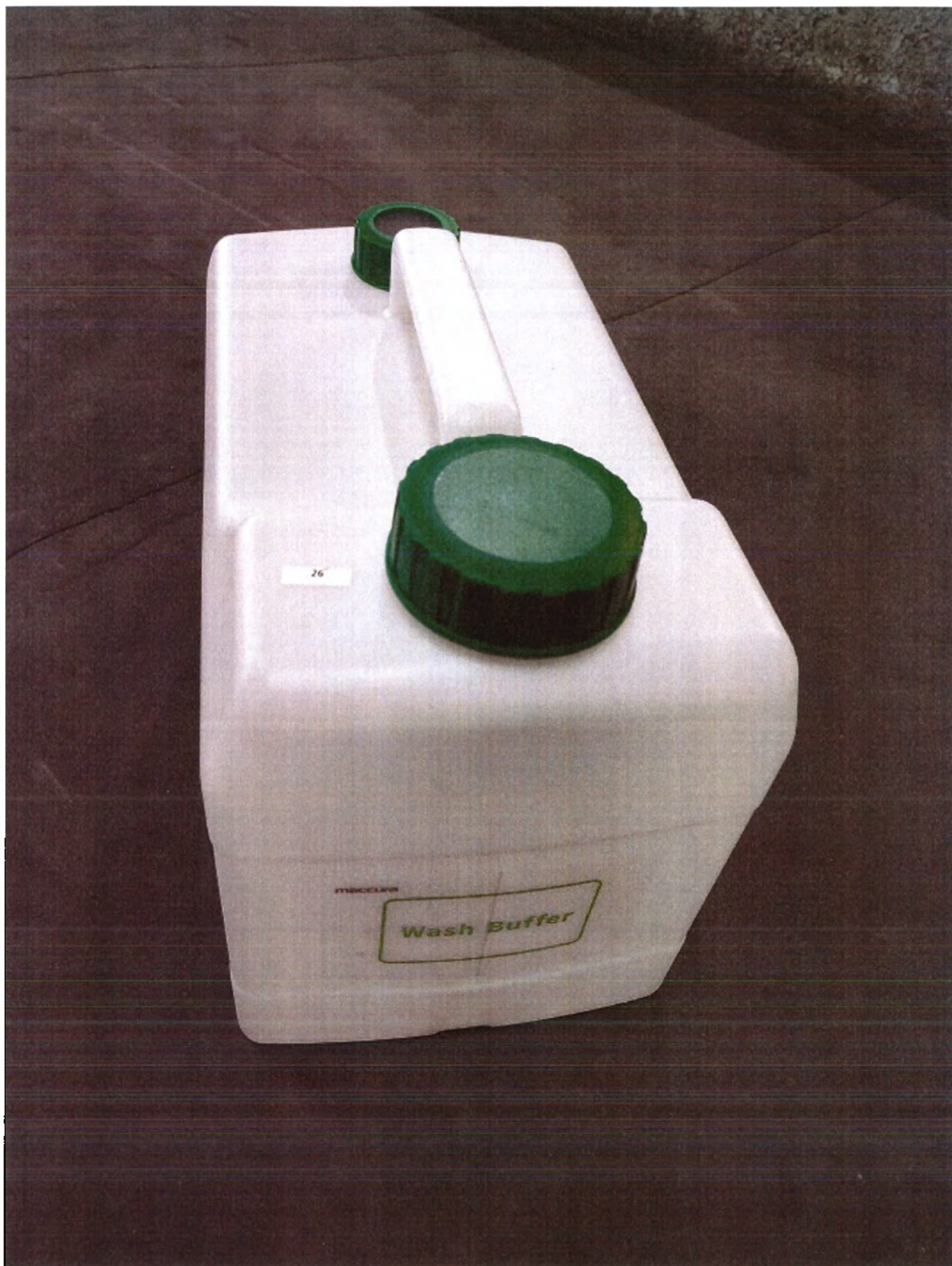
Пробирки для микрообъемов – 200 шт./1 уп.



Штатив для образцов – 10 шт./1 уп.



Контейнер для жидких отходов (Liquid Waste) – 1 шт.



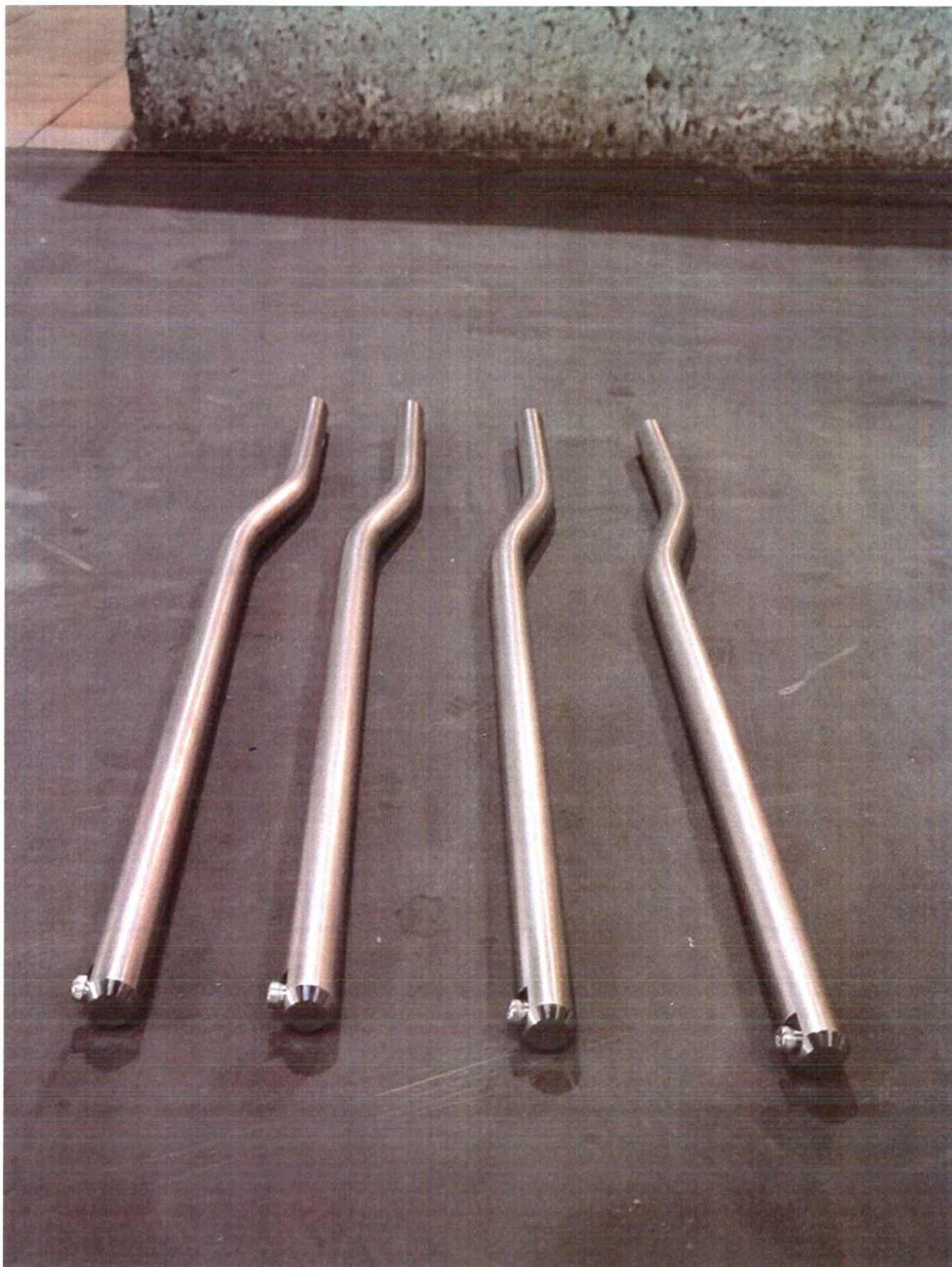
Контейнер для промывающего раствора (Wash Buffer) – 1 шт.



Контейнер для приготовления промывающего раствора (Wash Buffer Preparation) – 1 шт.



Контейнер для очищенной воды (Purified Water) – 1 шт.

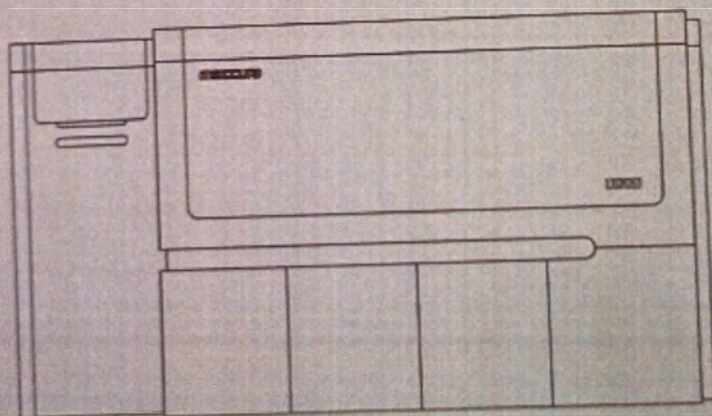


Механизм подъёмный – 4 шт.

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**i 1000**

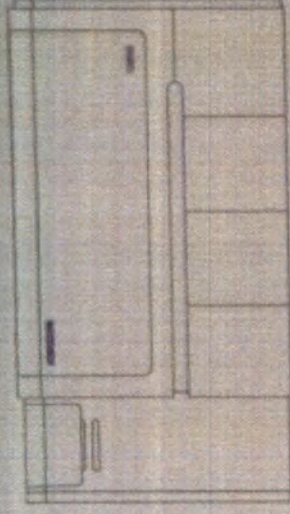
Automatic Chemiluminescence Analyzer  
User Manual



Руководство пользователя на бумажном носителе – 1 шт.

# i1000

SIMPLE OPERATION CARD FOR I 1000 SERIES  
AUTOMATIC CHEMILUMINESCENCE ANALYZER



## 1. Preparation before starting up :

- 1.1 Please check if the power supply is normal before starting.
- 1.2 Please check if the wash buffer and substrate buffer are placed correctly.

## 2. Starting up :

Power on the computer, and the user software will automatically start and perform maintenance.

## 3. Preparation before testing :

- 3.1 Clean up solid waste: Open the left front bin door of the instrument, empty solid waste, and click the "Empty Waste Bin" button in the software.
- 3.2 Clean up liquid waste: Empty the waste liquid in the waste liquid bucket.
- 3.3 Reagent preparation: Place the reagent in the reagent compartment while the instrument is in standby.
- 3.4 Consumables preparation:
  - 3.4.1 Wash buffer - Confirm the remaining amount of wash buffer meets this test.
  - 3.4.2 Substrate buffer - Confirm the remaining amount of substrate buffer meets this test.
  - 3.4.3 Purified water - Make sure there is enough in the Purified water bucket.
  - 3.4.4 Reaction cuvettes - Confirm that the remaining amount of the reaction cuvette meets this test.
- 3.5 Data deletion: "Work" - "Data Review" - "Delete all" - "Yes".

## 4. Calibrator

- 4.1 Calibrator position: Calibration - Calibration setting, assign the corresponding calibrator according to the rack number and position number listed when the calibrator barcode cannot be identified.
- 4.2 Option: "Calibration" - "Status" - Select assay - "Select".
- 4.3 Calibrator placement:
  - 4.3.1 Using position calibration: According to the assigned sample rack number and calibrator position, place the corresponding calibrator on the sample rack position corresponding to the rack number, and place the sample rack in the sampling channel.
  - 4.3.2 Using barcode calibration: Place the calibrators on the sample rack in order, and place the sample rack in the sampling channel.
  - 4.4 Execution: "Start" - "Start".

## 5. QC

- 5.1 QC setting
  - 5.1.1 Added manually: "QC" - "Setting" - "Manual" - Adding QC manually - "OK" - "Edit" - Input the target value and standard deviation of the corresponding QC project - "Save".
  - 5.1.2 Added by scanning: "QC" - "Setting" - "Scan" - Using hand-held barcode gun to scan the QR code of QC to complete the addition.
- 5.2 QC position: "QC" - "Setting" - Assign the corresponding QC according to the rack number and position number.
- 5.3 QC option: "QC" - "Status" - Select assay - "Select".
- 5.4 QC placement: Place the corresponding QC in the corresponding rack number according to the set QC position, and place this sample rack in the sampling channel.
- 5.5 Execution: "Start" - "Start".

## 6. Sample

- 6.1 Normal sample
  - ① Single input: "Work" - "Test Selection" - "Normal" - Input sample number - Enter - Input rack number - Input position number - Select assay - "Save".
  - ② Batch input: "Work" - "Test Selection" - "Normal" - Input sample number - Enter - Input rack number - Input position number - Select assay - "Batch Input" - Input end sample number or number of repetitions - "Save".
- 6.1.2 Place the sample rack in the sampling channel.
- 6.1.3 Execution: "Start" - "Start".
- 6.2 Emergency sample
  - 6.2.1 "Work" - "Test Selection" - "STAT" - Input rack number - Input position number - Select assay - "Save".
  - 6.2.2 Place the emergency sample rack in the sampling channel.
  - 6.2.3 "STAT" - Select Emergency Channel - "Start".
- 6.3 Retest sample: "Work" - "Data Review" - Select the sample to be reviewed - "Test Selection" - Select the assay to be reviewed - "Retest" - Input the corresponding rack number and position number - Place the sample rack in the sampling channel - "Start".

## 7. Shutdown

"Utility" - "Mainline" - "Instrument Maintenance" - "Shutdown Maintenance" - "Run" - The instrument will automatically shut down after maintenance.

## 8. Maintenance

In the power-off status, use the key to open the round lock on the case, and then wipe the filling needle with absolute ethanol and Purified water.

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Памятка для пользователя - 1 шт.

## **Анализатор хемилюминесцентный автоматический і 3000 в составе**



Общий вид анализатора хемилуминесцентного автоматического i 3000



**Модуль аналитический – не более 2 шт.**

# i3000

Automatic Chemiluminescence Analyzer

Model: i3000

**SN** 09AA2A03014

 2023-01

Voltage: 220V~50Hz

Power: 3500VA

Operating Temperature: 10°C~30°C



Maccura Medical Instrument Co., Ltd.  
Building 4, 8#, 2nd Anhe Road, Hi-tech Zone,  
611731 Chengdu, PEOPLE'S REPUBLIC OF CHINA



**UDI**



01:0987208558034  
10:0022095  
11:240106  
17:240106  
21:09A2A03014



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Шильд модуля аналитического



Модуль загрузки и выгрузки образцов – 1 шт.



**Модуль повторного тестирования и временного хранения – 1 шт.**



Модуль транспортировочный – не более 2 шт., в комплектации



Кабель питания стандарта ЕС – 1 шт. и удлинитель кабеля питания – 2 шт. модуля  
транспортировочного



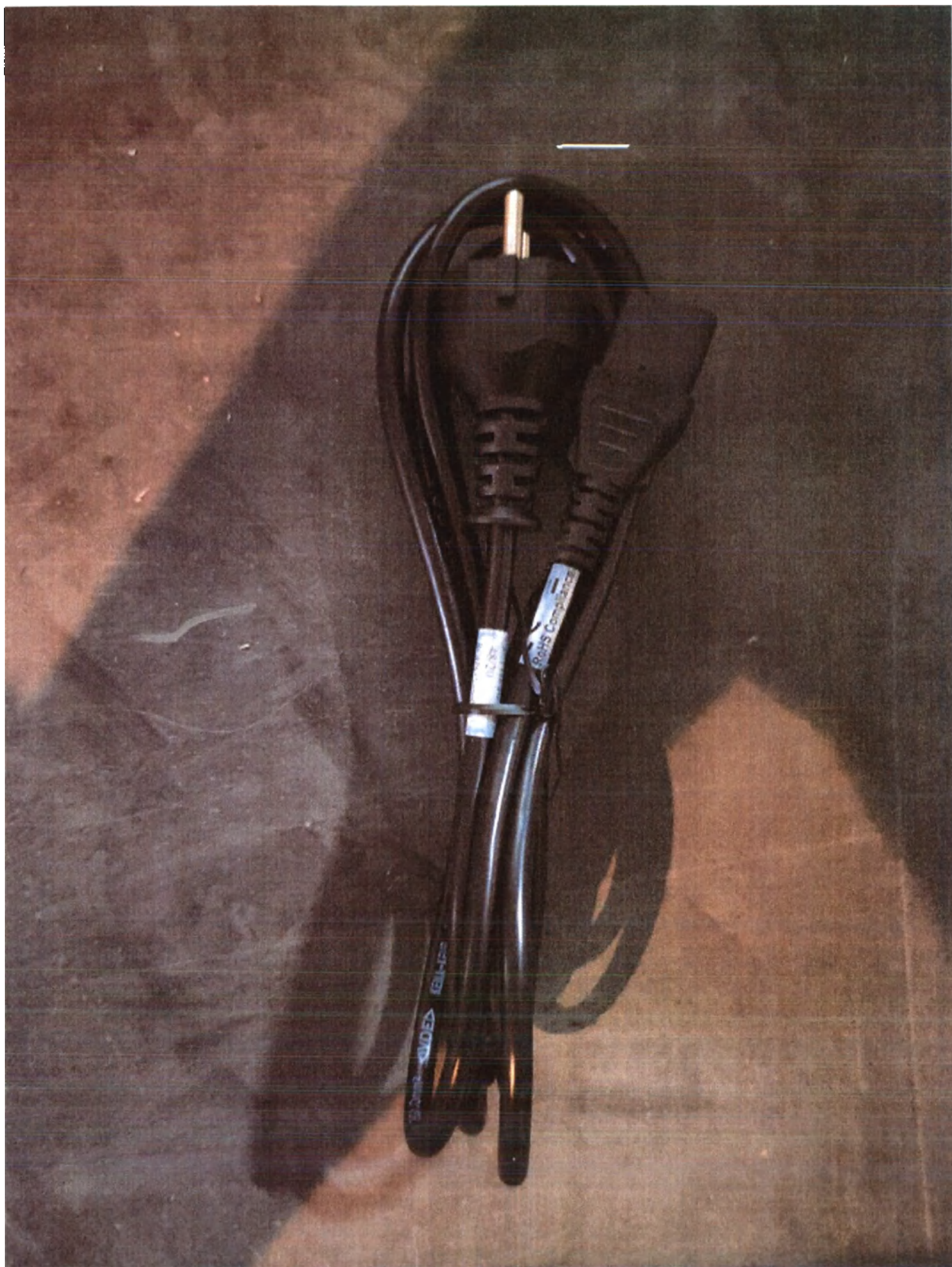
Крышка для модуля транспортировочного – 2 шт.



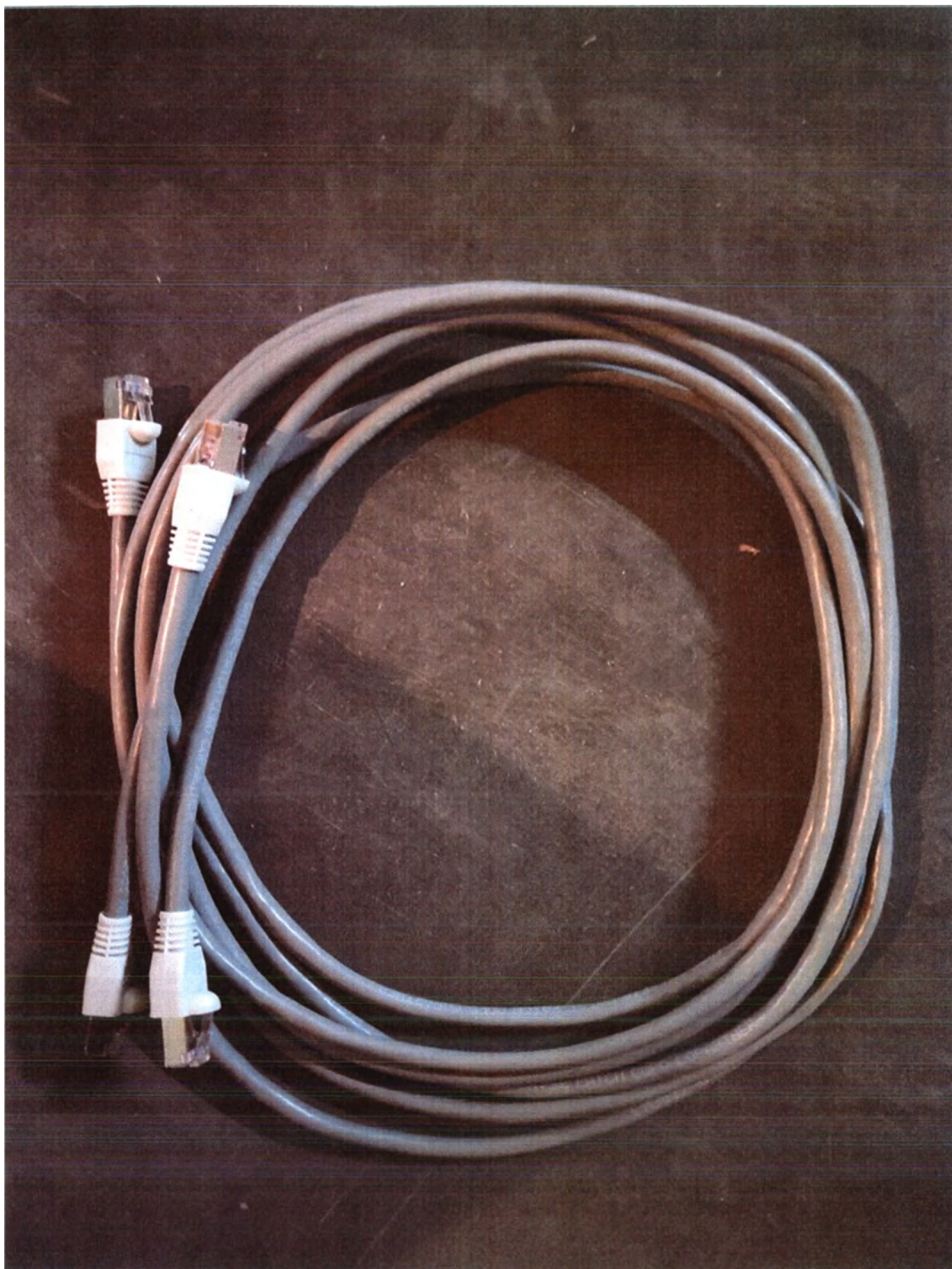
Сканер штрих-кодов с USB-кабелем – 1 шт.



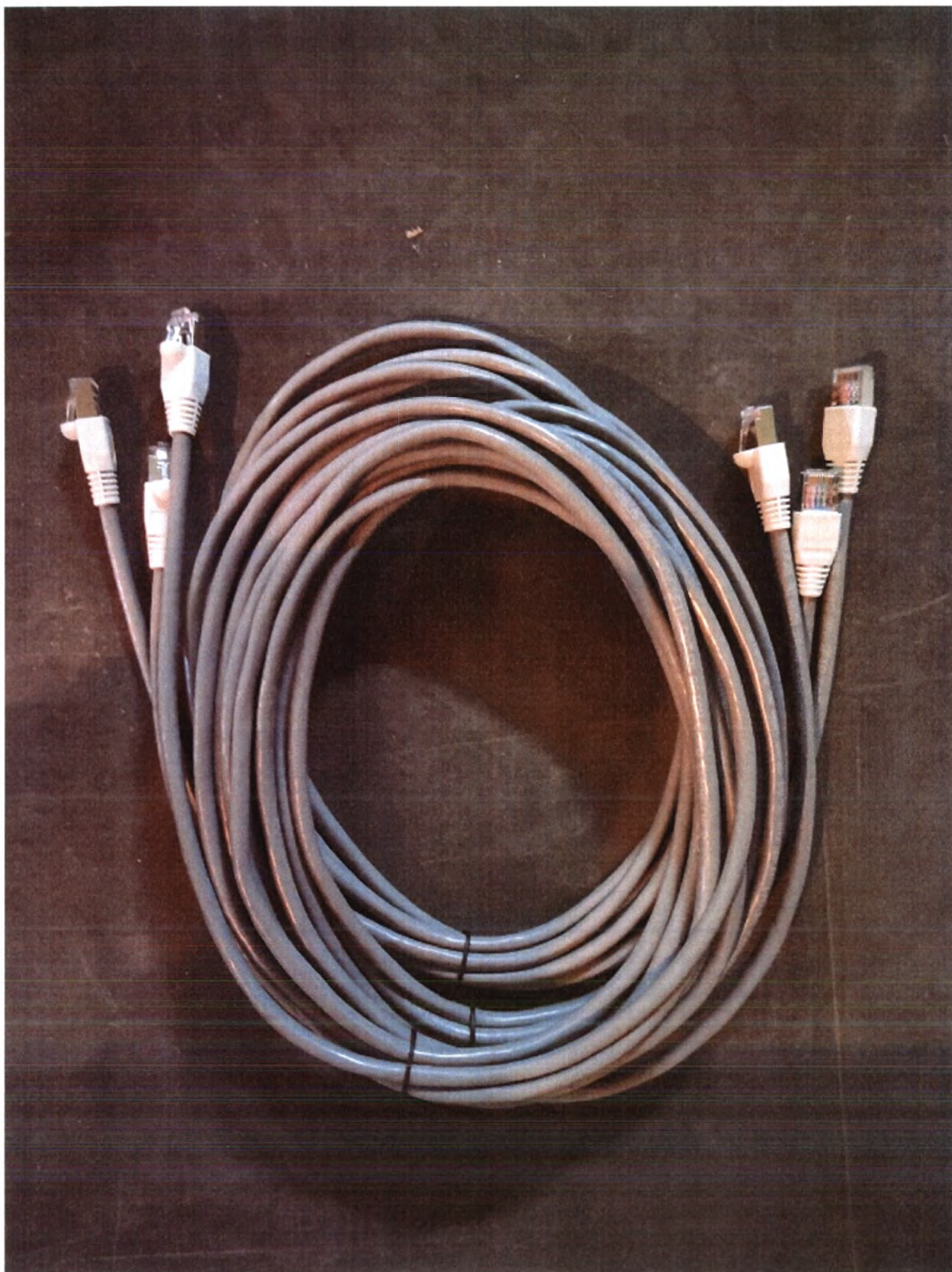
Держатель сканера штрих-кодов - 1 шт.



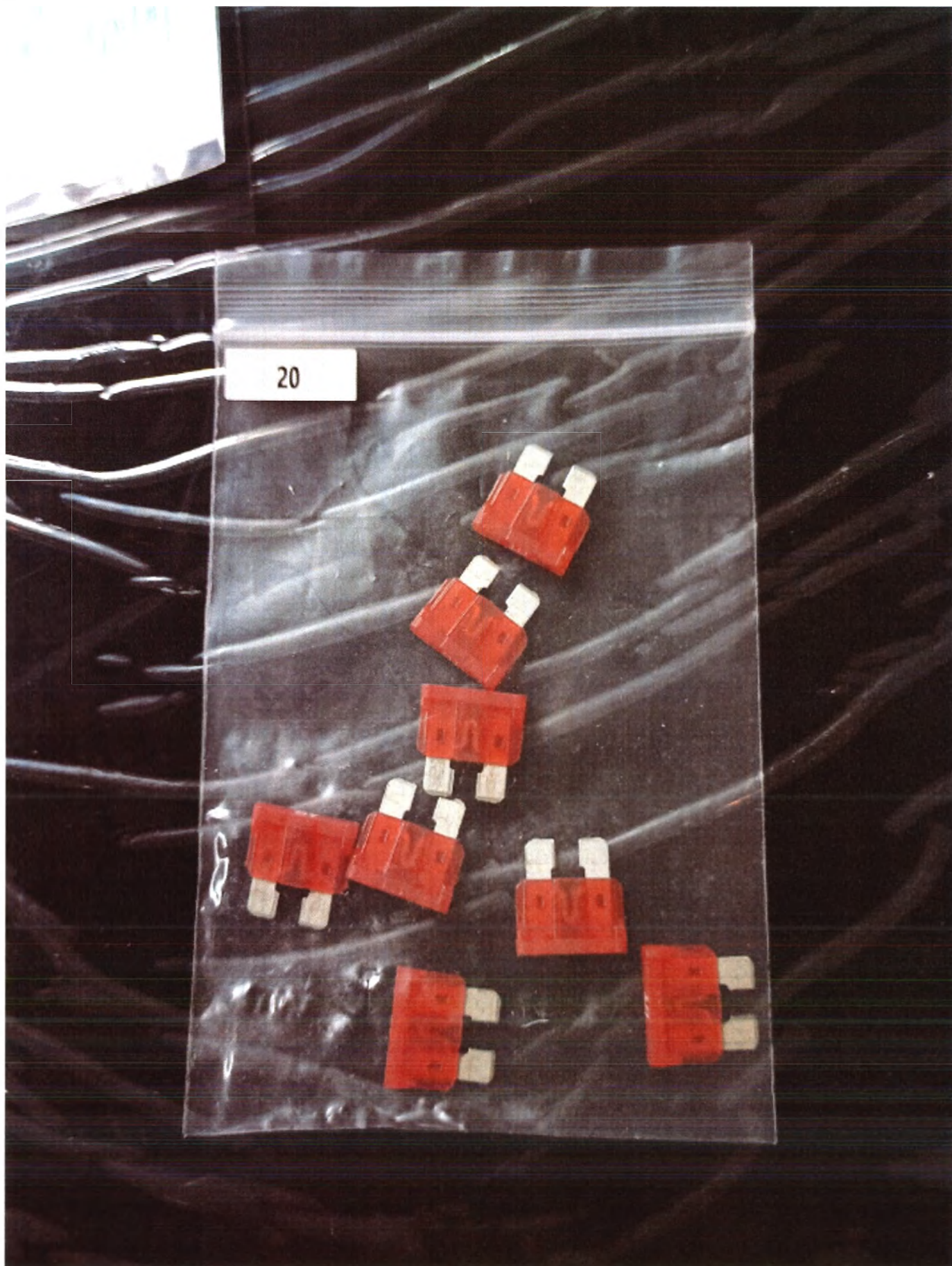
Кабель питания стандарта ЕС – 1шт.



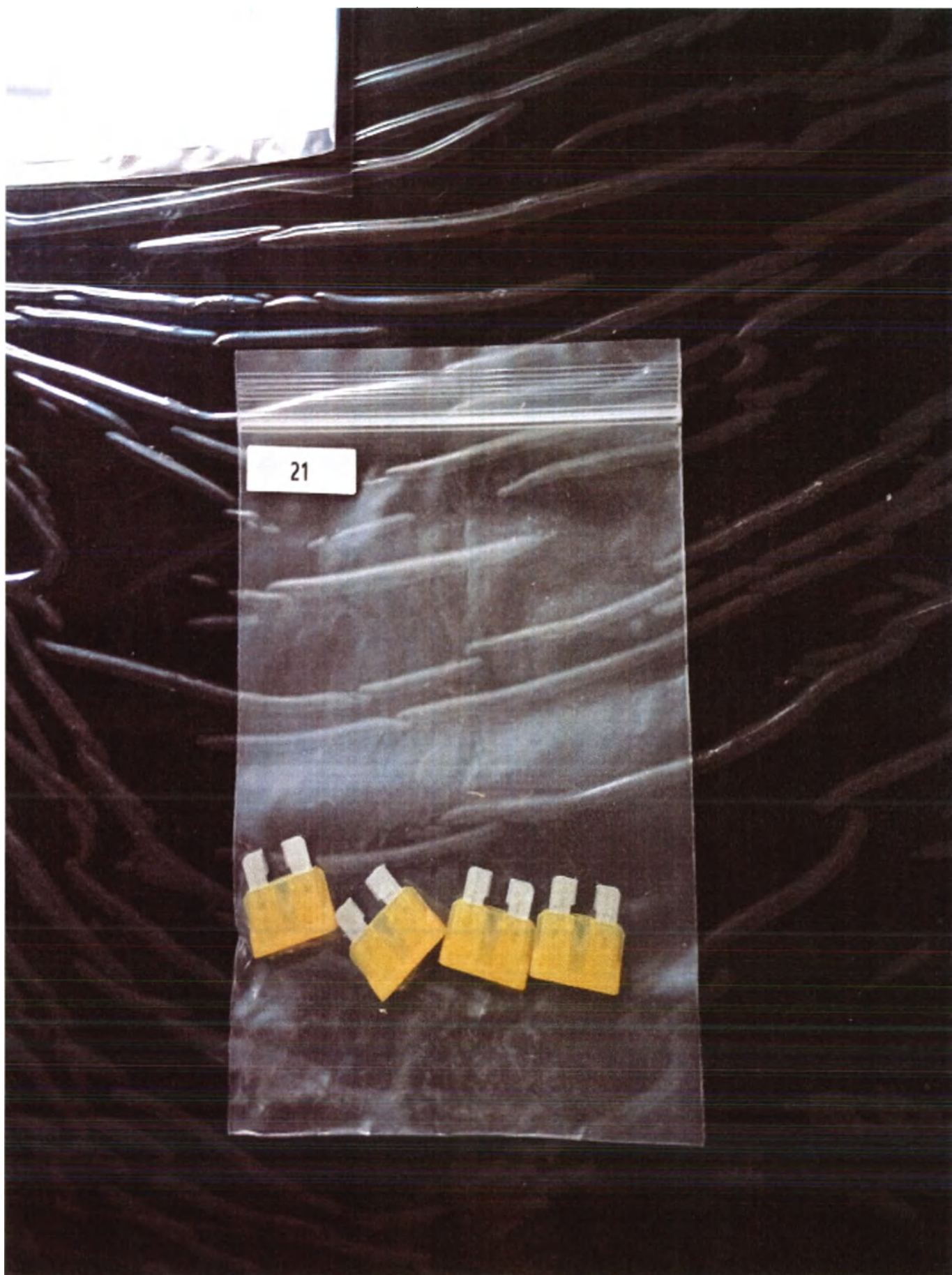
Кабель сетевой 1 – 2 шт. / 1 уп.



Кабель сетевой 3 - 3 шт./1 уп.



Предохранитель постоянного тока 10А – 8 шт./1уп.



Предохранитель постоянного тока 20А – 4 шт./уп.



Предохранитель постоянного тока 30А – 12 шт./1уп.



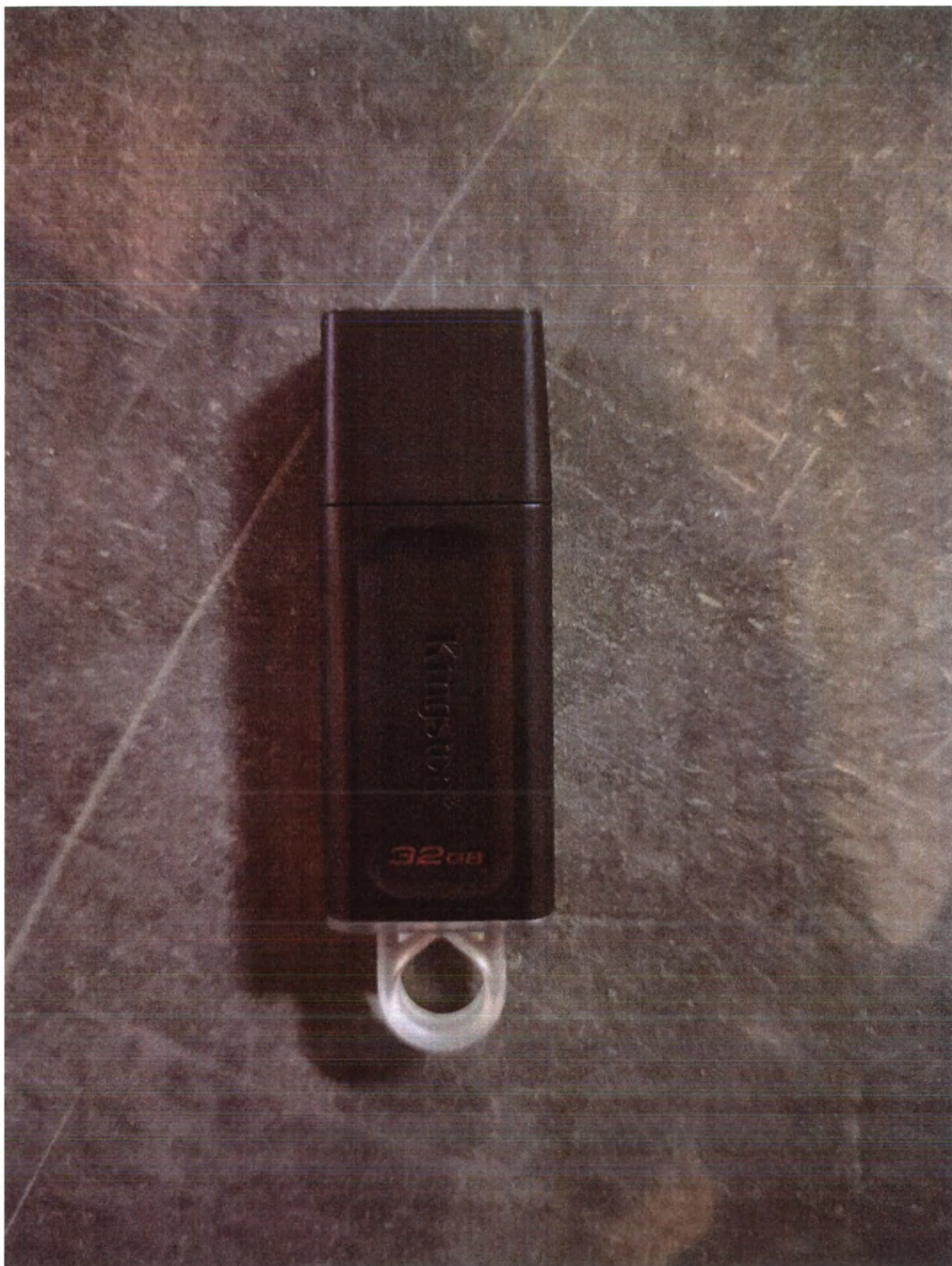
Предохранитель переменного тока 2А - 4 шт./1уп.



Предохранитель переменного тока 8А – 4 шт./1уп.



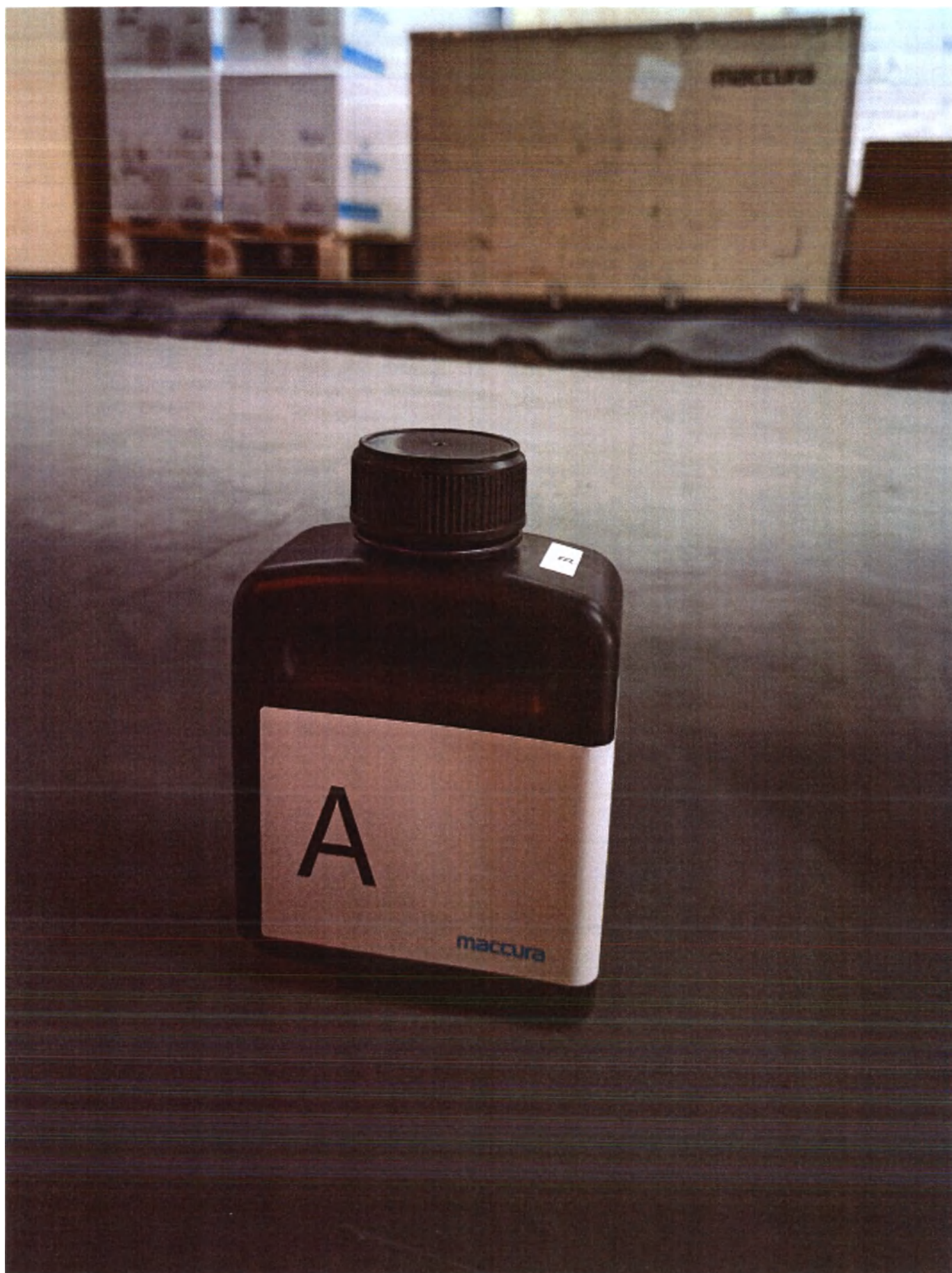
Предохранитель электронной платы – 28 шт. / 1 уп.



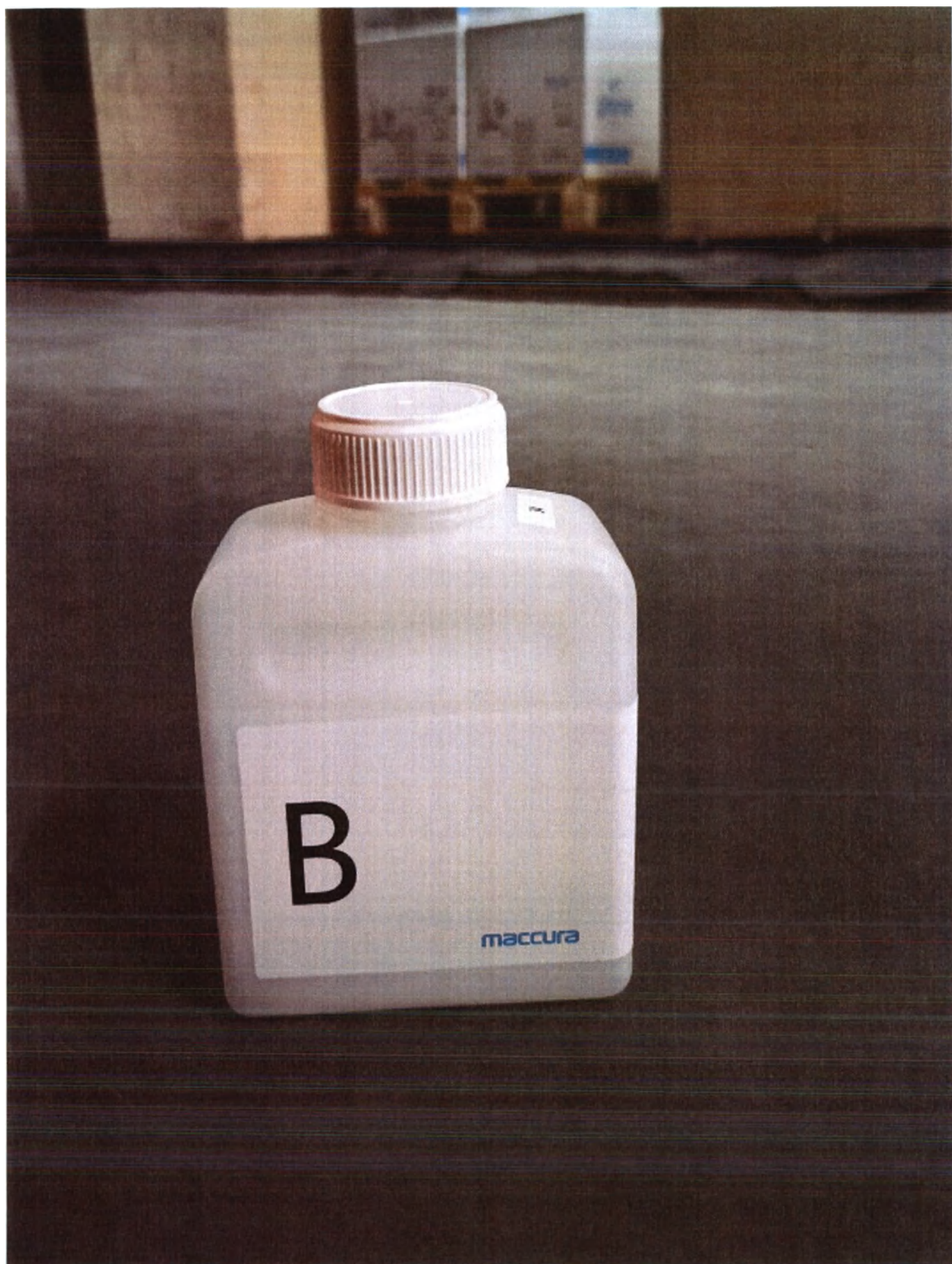
USB флеш-накопитель с программным обеспечением – 1 шт.



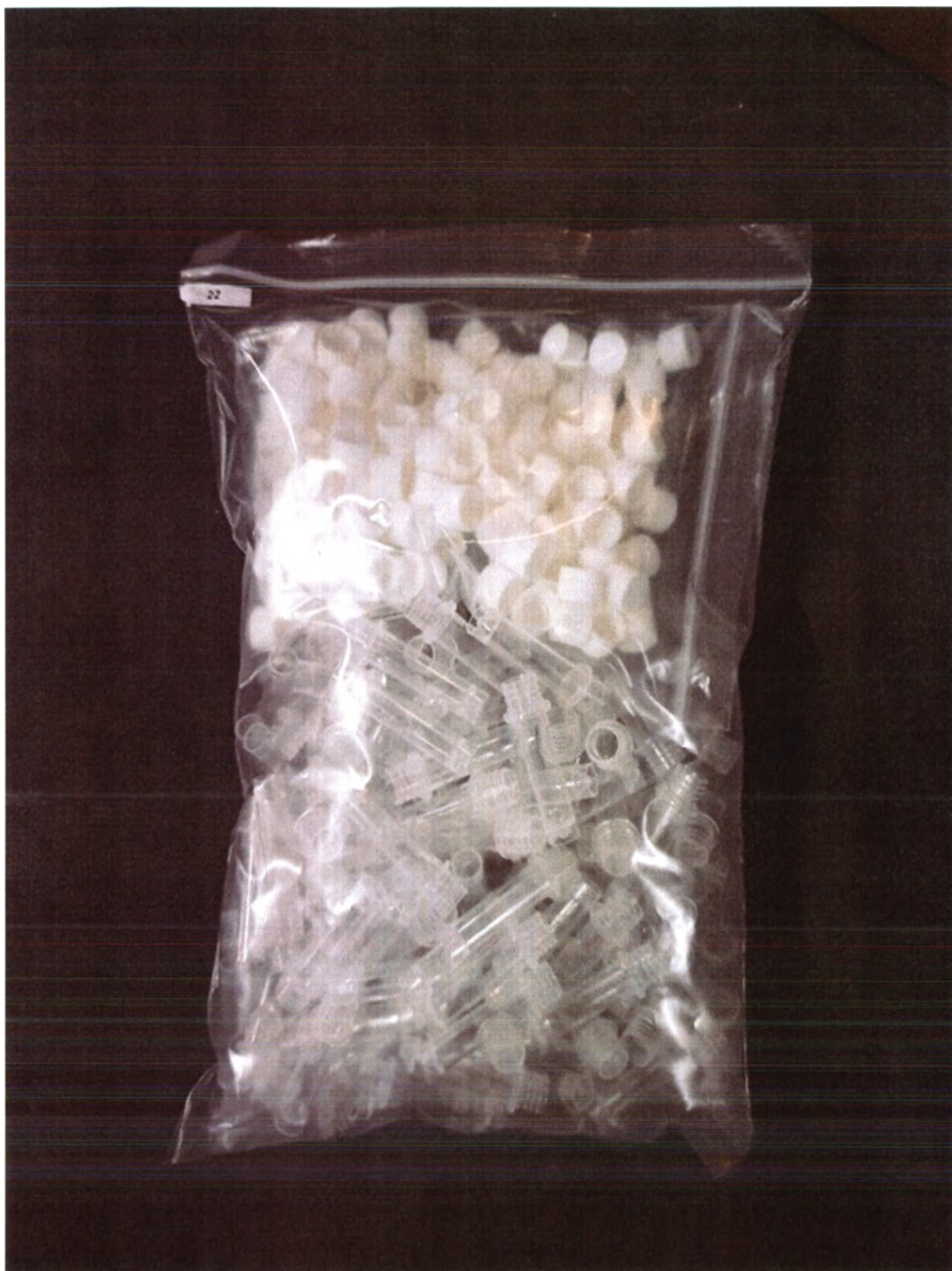
Кювета реакционная – 500 шт. /уп. - 2 уп.



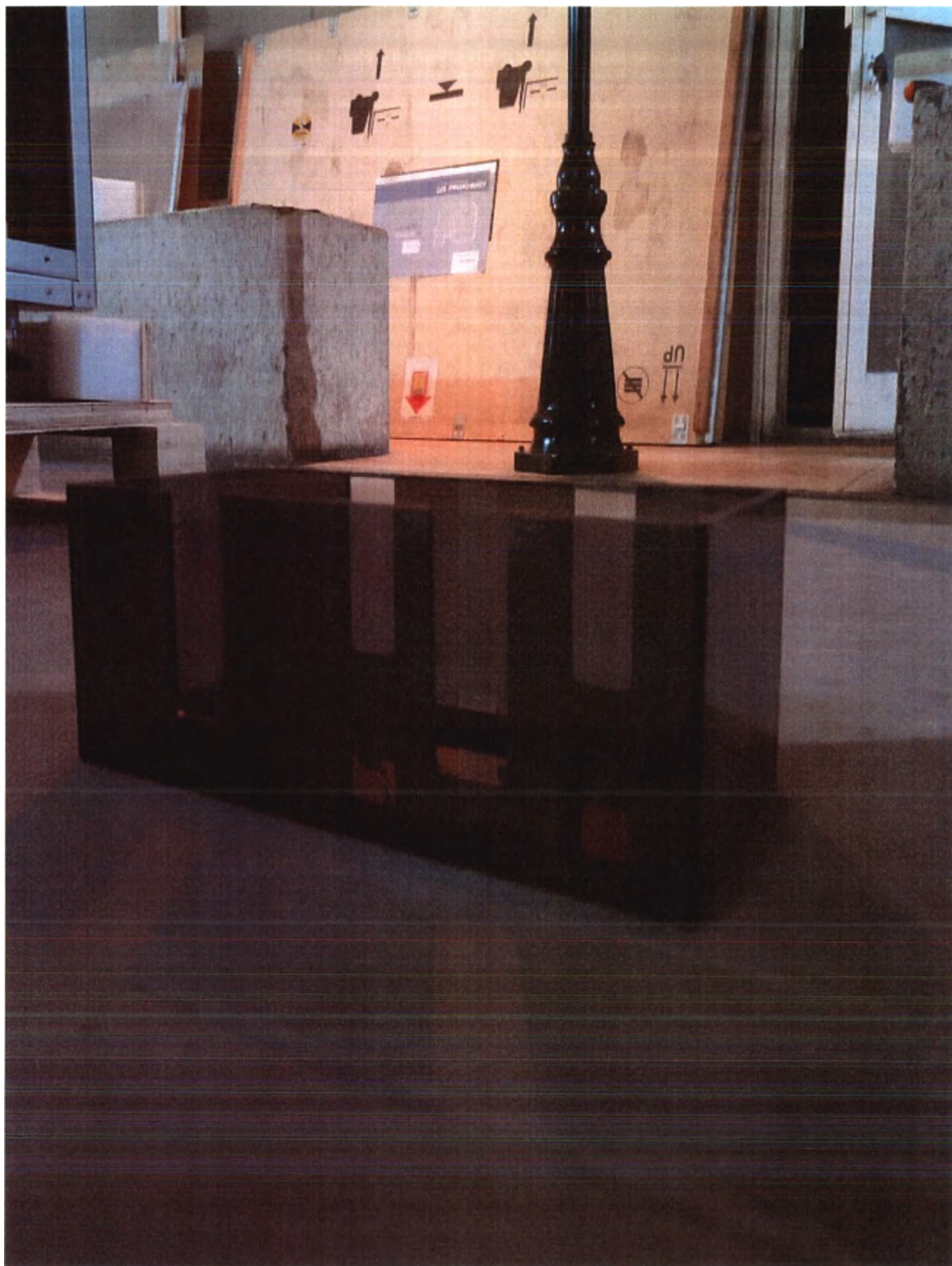
Бутыль А – 2 шт.



Бутыль В – 2шт.



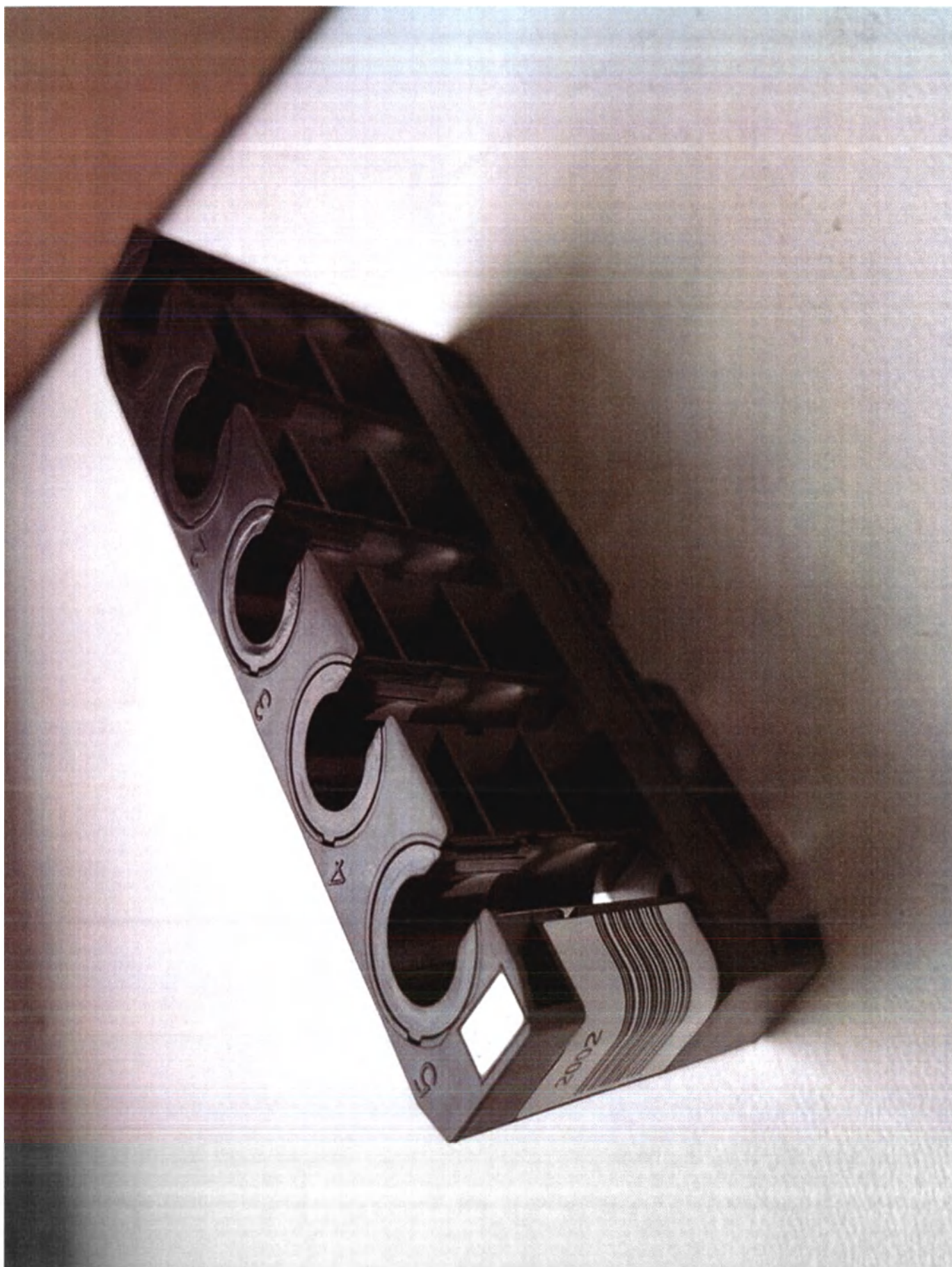
Пробирки для микрообъемов – 200 шт./1 уп.



Крышка прозрачная для STAT образцов – 1 шт.



Штатив для образцов (белый) – 10 шт./ 1 уп.



Штатив для образцов (черный) – 10 шт./ 1 уп.



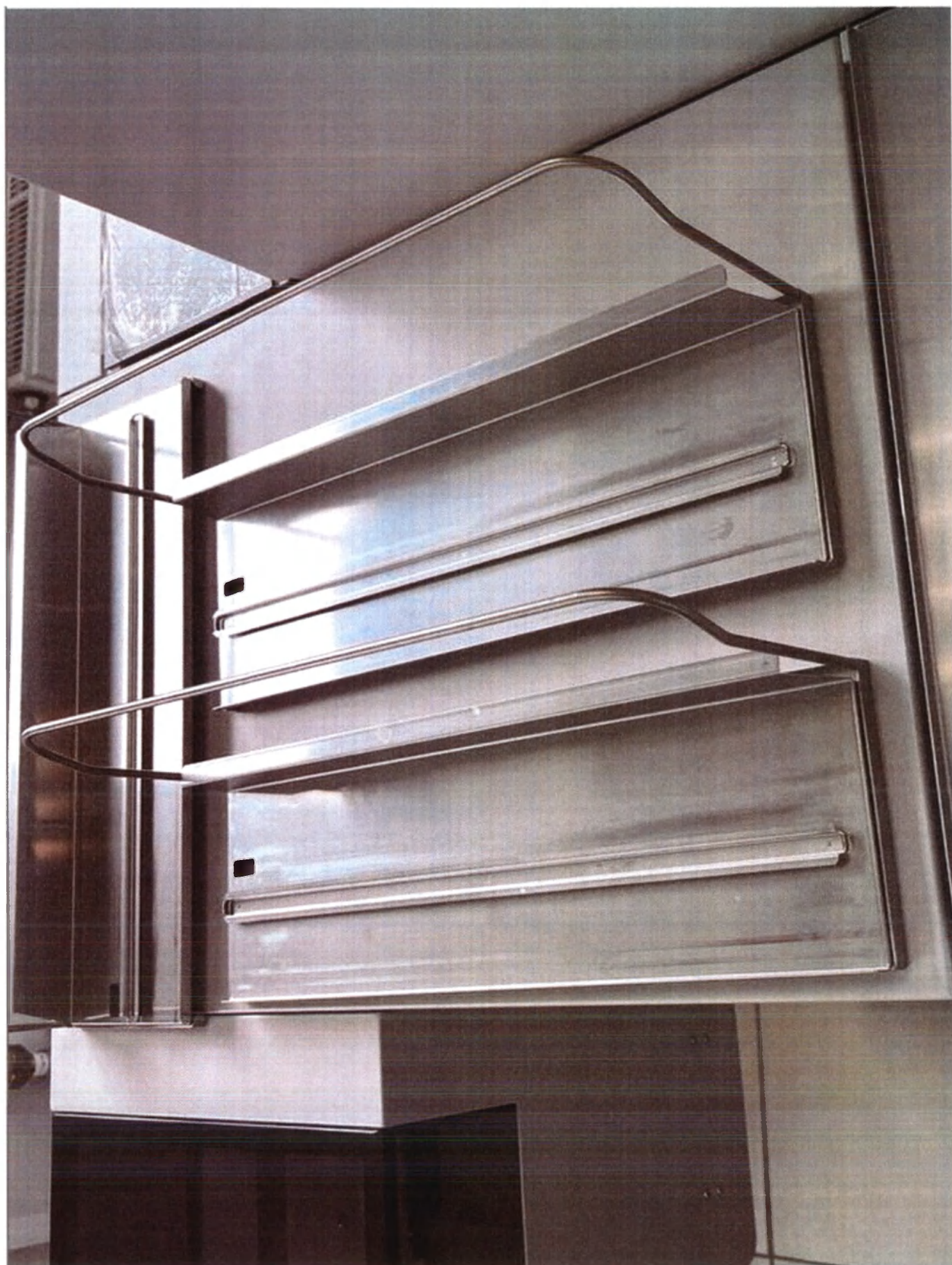
**Штатив для образцов (розовый) – 10 шт./ 1 уп.**



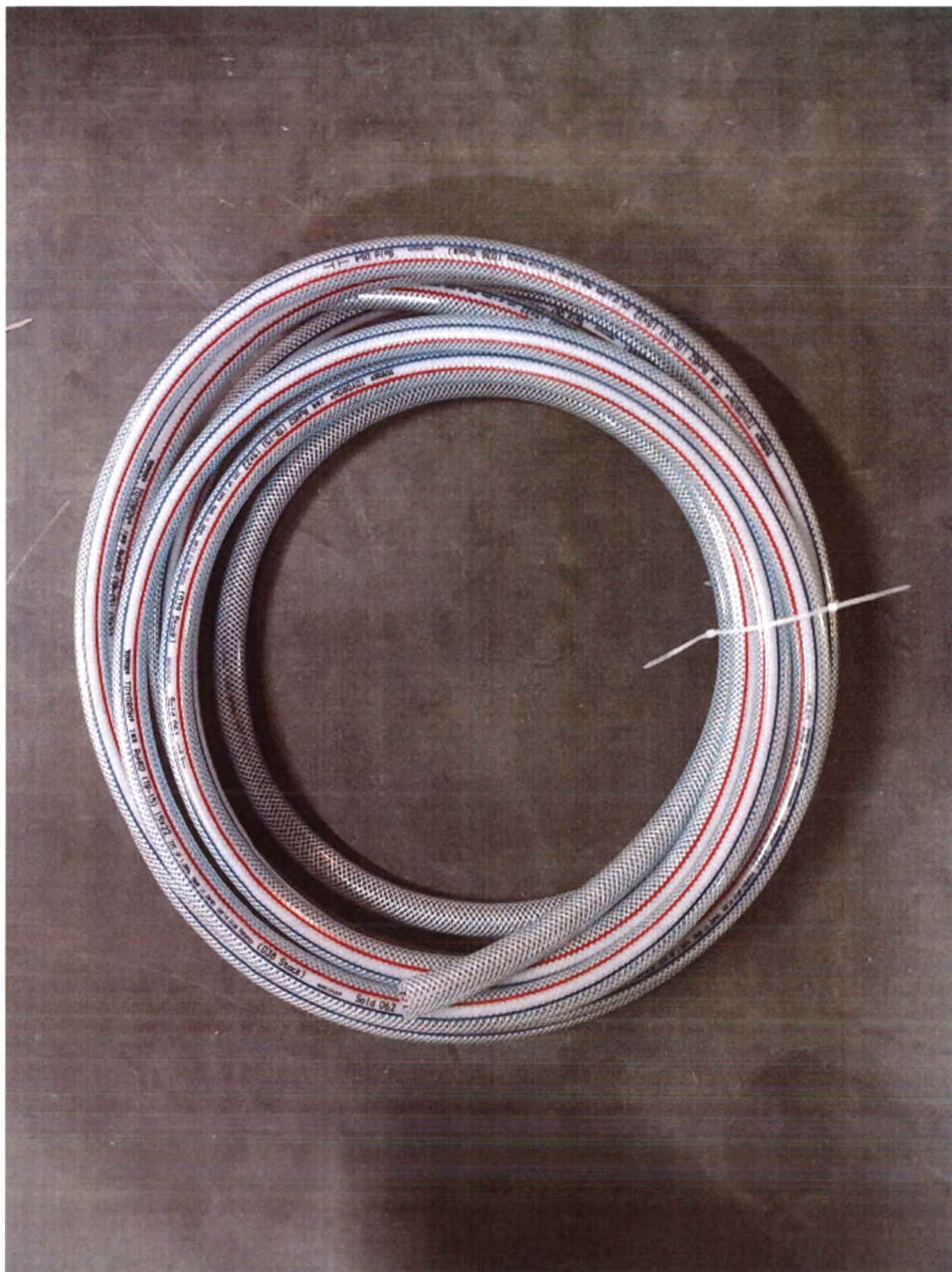
Штатив для образцов (красный) – 10 шт./ 1 уп.



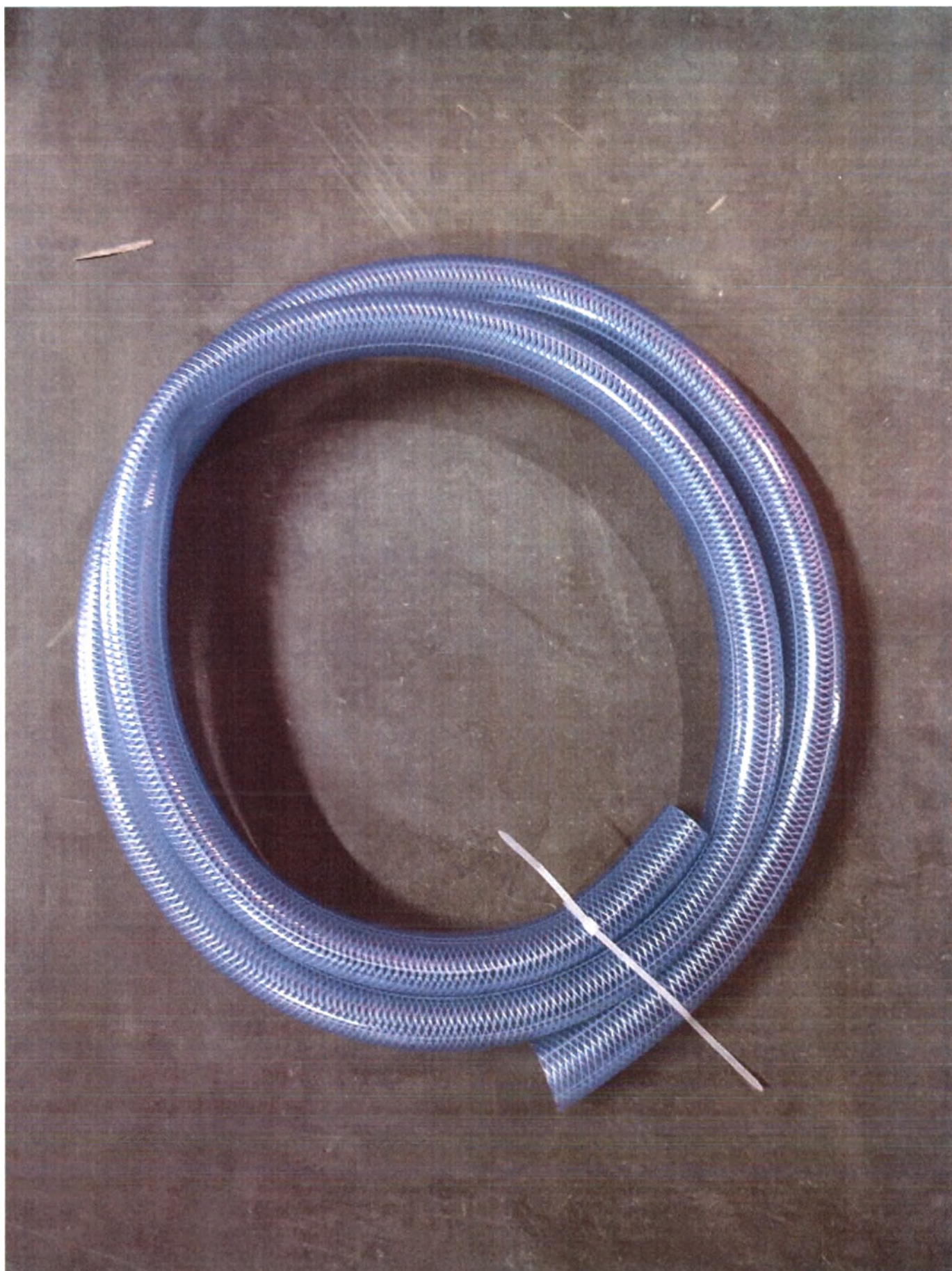
Штатив для образцов (серый) – 10 шт./уп. - 6 уп.



Элементы лотка составные – 4 шт.



Шланг для подачи воды – 1 шт.



**Шланг для слива жидких отходов – 1 шт.**



Хомуты для шланга – 4 шт./1уп.



Кабель HDMI – 1 шт.



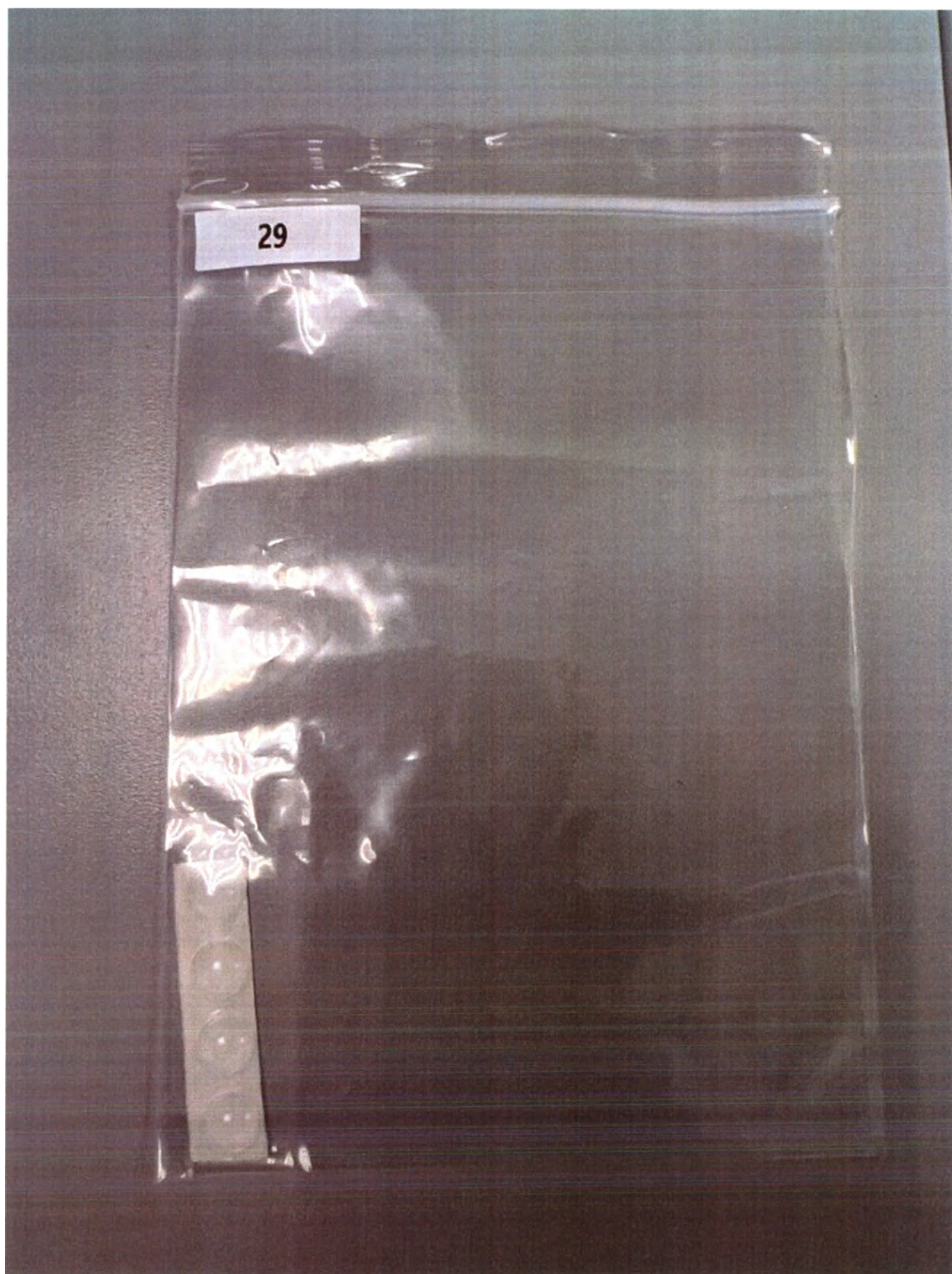
Фильтр для механической очистки воды, малый – 4 шт./1уп.



**Фильтр для механической очистки воды, большой – 4шт./1уп.**



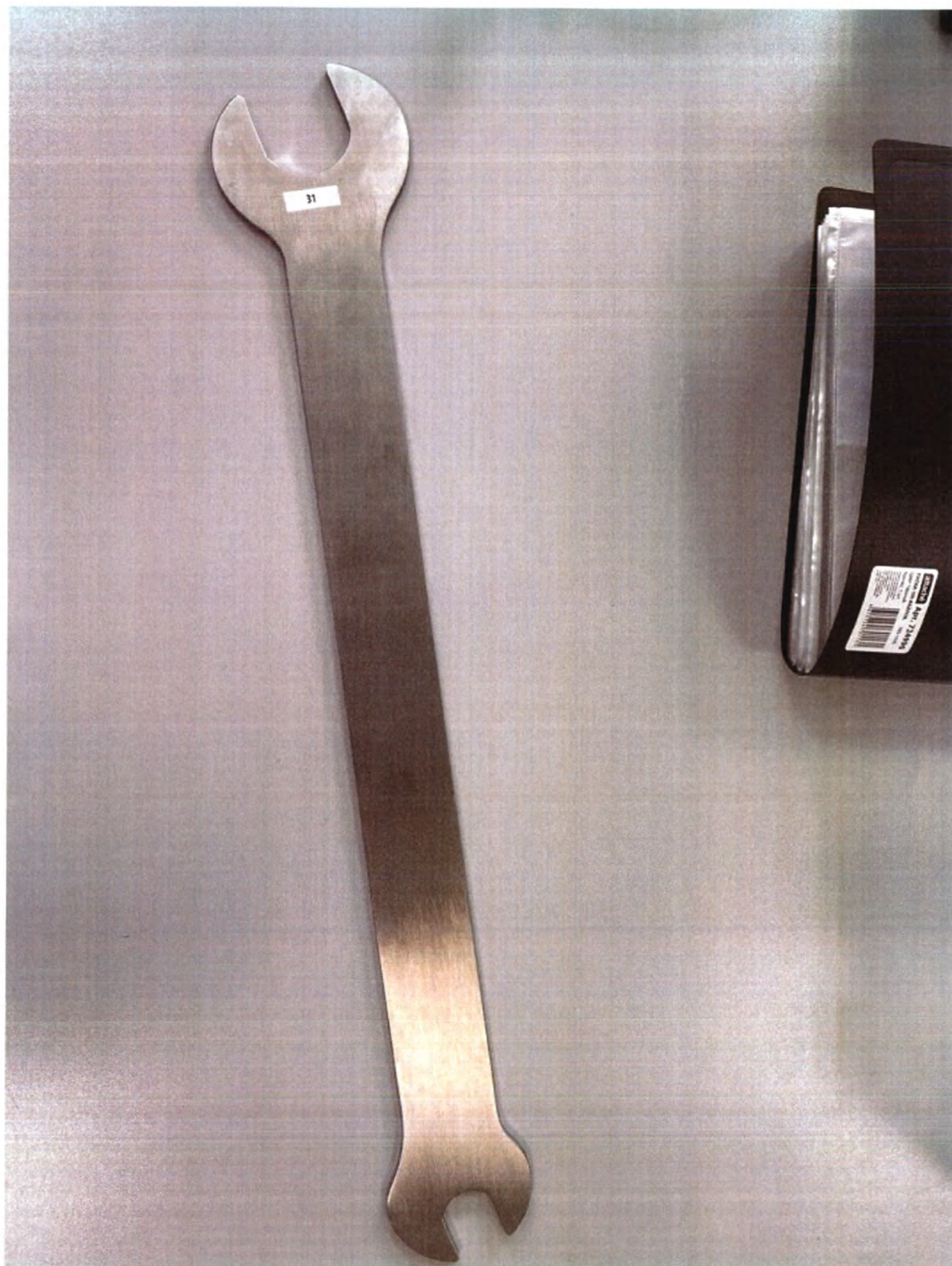
Прокладка ограничительная – 4шт./1уп.



Прокладка BS прозрачная – 4шт. /1уп.



Винт - 1 уп.

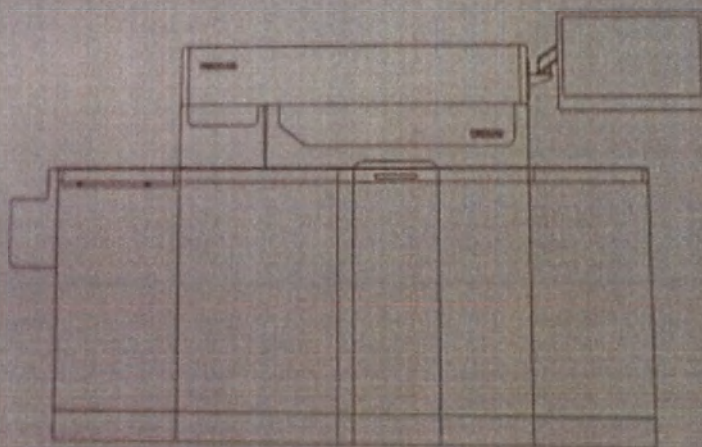


Ключ регулировки анализатора – 1 шт.

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## **i3000**

Automatic Chemiluminescence Analyzer  
User Manual

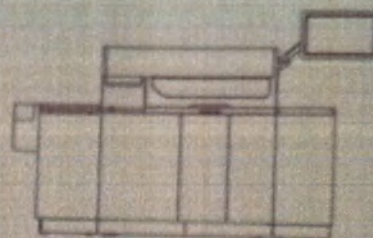


Руководство пользователя на бумажном носителе – 1 шт.

# i3000

Automatic Chemiluminescence Analyzer

## Quick Guide Card



### Preparations for Startup

1. Check whether the pure water supply and power supply are normal before startup.
2. Check whether the substrate solution and cleaning buffer are placed correctly.

### Startup

Turn on the computer power, turn on the user software and log in.

### Preparations for Test

1. Disposal of solid waste: Open the left door of the instrument and clean up the waste in the waste bin and lower drawer.
2. Reagent preparation: Prepare the reagent and put it into the reagent bin of the instrument.
3. Preparation of consumables:
  - 3.1 Cuvettes - Check whether the cuvette quantity meets the requirements of this test.
  - 3.2 Cleaning buffer - Check whether the cleaning buffer meets the requirements of this test.
  - 3.3 Substrate solution - Check whether the substrate solution meets the requirements of this test.
4. Data deletion: Work - Data Browsing - Delete All - Yes.

### Calibrator

1. Position calibration: Calibration - Calibration Setting; allocate the corresponding calibrator according to the rack number and position number (used when the barcode of calibrator cannot be identified).
2. Select: Calibration - Calibration Overview - Select Item - Select.
3. Placement of calibrator:
  - 3.1 With position allocated: Place the corresponding calibrator on the corresponding rack number according to its position, and place the rack on the track pallet.
  - 3.2 Barcode scanning adopted: Place calibrators on the calibration rack (black) in order.
4. Execute: Start - Start.

### Control

1. Control addition:

Add manually: Control - Control Settings - Manual - Add Control manually - OK - Edit - Enter the target value and standard deviation of the corresponding Control item - Save.
2. Control Settings: Control - Control Settings; allocate the corresponding control according to the rack number and position number.
3. Select: Control - Control Status - Select Item - Select.
4. Placement of Control: Place the corresponding control on the corresponding rack number according to the set position, and place the control rack (white) on the track pallet.
5. Execute: Start - Start.

### Sample Rack

1. Routine sample:
  - 1.1 Sample input:
    - ① Single input: Work - Item Selection - Routine - Enter Sample No. - Enter - Select Item - Save.
    - ② Batch input: Work - Item Selection - Routine - Enter Sample No. - Enter - Select Item - Batch input - Enter Last Sample No. or Number of Repetitions - Save.
  - 1.2 Place the sample rack (gray) on the track pallet.
  - 1.3 Execute: Start - Enter the Starting Sample No. - Start.
2. STAT sample:
  - 2.1 Item Selection - STAT - Enter Sample ID - Enter Rack No. - Enter Position No. - Select Item - Save.
  - 2.2 Put the STAT rack (red) into the STAT stand position.

Памятка для пользователя – 1шт.

