new art laboratories

nal von minden



NEW! Improved version available

- ✓ Extra long life through latest LED technology
- ✓ Higher precision by shielding stray light
- ✓ Automatic calibration with each test
- ✓ Status LED on reader front

nal von minden
Rapid Slide Scanner (RSS) III

Test, Interpret, Document – The complete system for rapid tests

www.nal-vonminden.com

Rapid Slide Scanner (RSS) III

The nal von minden Rapid Slide Scanner (RSS) III offers you an optimal tool for the **easy, fast** and **objective interpretation** of all nal von minden rapid tests. The universal device can analyze **drug tests** as well as **medical assays** in various different formats. Its simple software enables a **clear analysis** and **complete documentation** of lateral flow tests.

The software recognizes the test position and form and ensures accurate result interpretation, regardless of how the test is placed in the reader. Cassette tests with barcodes can automatically be detected and analysed.

Advantages

- ✓ Easy handling
- ✓ **Free positioning** of the test
- ✓ **Easy** and **objective** evaluation in seconds
- ✓ Automatic recognition of barcoded tests
- ✓ Software in **multiple languages**
- ✓ Evaluation of up to **12 parameters** simultaneously
- ✓ Individual **result reports**
- ✓ Individual **customer support**
- ✓ **Barcode scanner** (handheld; optional) for patient data entry
- ✓ **Connection** to LIS (optional)
- ✓ Data export via Microsoft-Excel™ or CSV (optional)
- ✓ Data import via CSV (optional)
- ✓ **Remote support** and update with internet connection





The device for a huge product variety

Due to flexible test positioning capabilities and intelligent test recognition software, almost all nal von minden rapid tests can by analysed and interpreted with the RSS III. Amongst a wide variety of test formats for both drug and medical testing, tests in cup format can also be easily positioned and evaluated.

nal von minden can also offer a tool for the automatic recognition of barcoded tests for well as an even more intuitive handling of the RSS III.



Test Types:
Drug and Medical Rapid Test



Urine Cups



Barcoded tests
For a fully automated and accurate analysis

Your choice

- ✓ Drug-Screen® single dip / pipette test
- ✓ Drug-Screen® multi dip / pipette test
- ✓ Drug-Screen® Urine Cup III
- ✓ NADAL® Medical rapid tests
- ✓ Adulteration parameter
- ✓ Different matrices:
  urine, saliva, whole blood / serum / plasma



Test & Interpret – 3 Steps to reliable results

Performance

Step 1

Carry out test and place it on scan area.



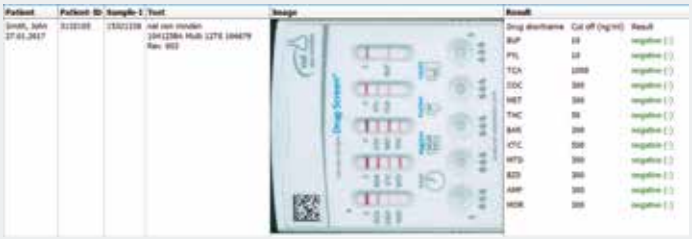
Step 2

Open program RSS Smart, press 'scan', insert patient data, press 'scan' again.



Step 3

Evaluate and print results.

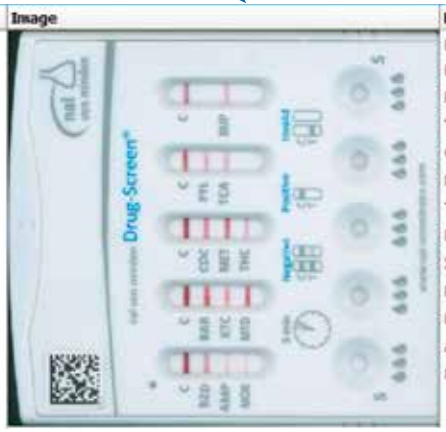


10-15 sec.

Result

Patient Data | **Test** | **Picture of Test** | **Result**

Patient	Patient-ID	Sample-I	Test
Smith, John 27.01.2017	3132105	15321238	nal von minden 1041258A Multi 12TE 166679 Rev. 003

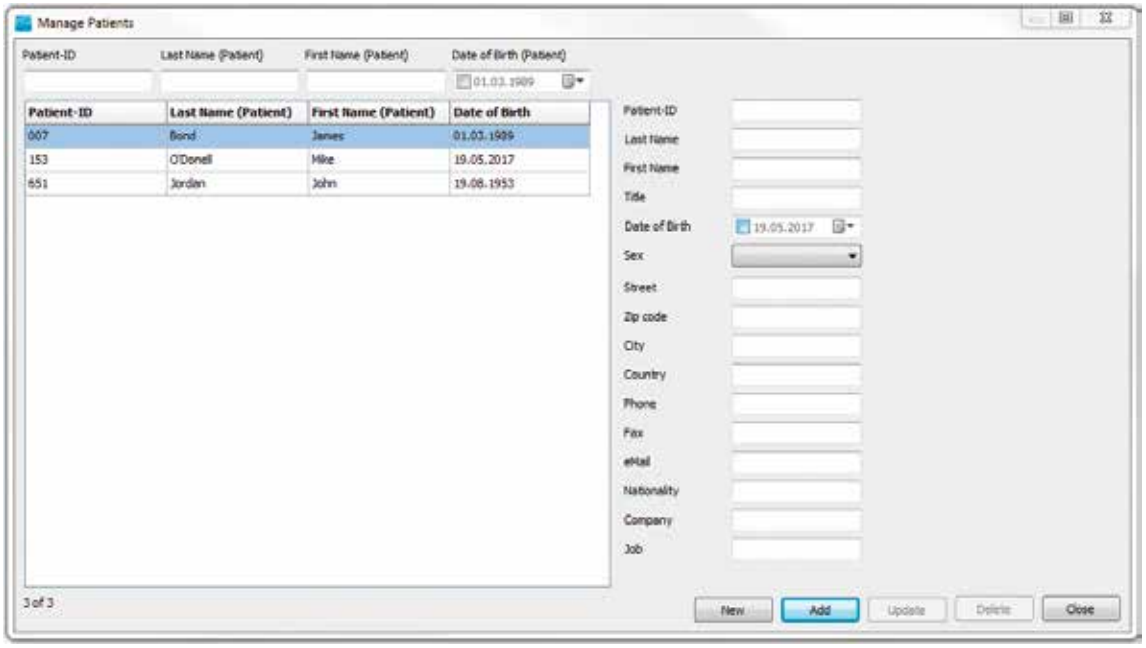


Drug shortname	Cut off (ng/ml)	Result
BUP	10	negative (-)
PYL	10	negative (-)
TCA	1000	negative (-)
COC	300	negative (-)
MET	300	negative (-)
THC	50	negative (-)
BAR	300	negative (-)
XTC	500	negative (-)
MTD	300	negative (-)
BZD	300	negative (-)
AMP	300	negative (-)
MOR	300	negative (-)

Documentation & Export

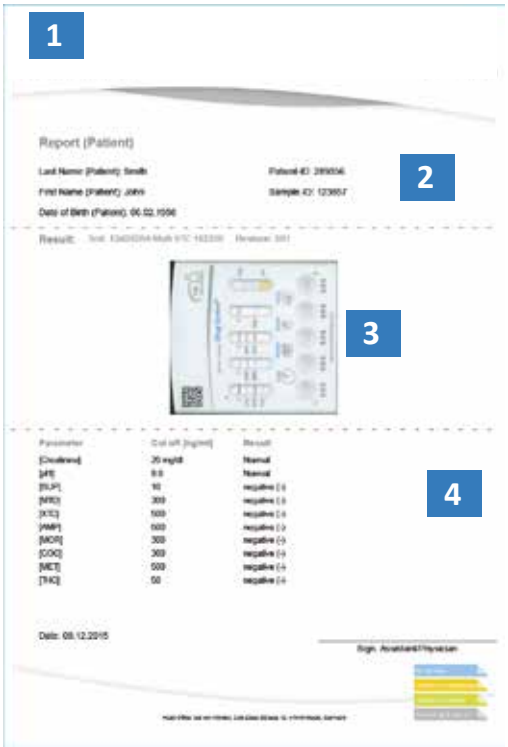
In addition to the interpretation of rapid tests, the RSS smart software also offers **a complete documentation of patient data and results.** These are initially archived in the internal database and can be subsequently transferred via an **optional interface** to an external data management system (e.g. LIS). The data transfer can be either **unidirectional** or **bidirectional**. If required, a clear report of every analysis can also be printed or saved in PDF format.

Clear patient management



Patient report

With the click of a mouse you can create a full patient report with analysis data. This report is customised to your test requirements and the layout will be adapted to the standards of your laboratory or surgery.



Patient report features

1. Your individual logo and laboratory details
2. Patient's data (identification)
3. Complete scan – picture of the test
4. Result for tested substances

Ordering information

Article	Description	Article number
Rapid Slide Scanner (RSS) III	Analyser with drawer Power supply USB cable Calibration card Manual Installation CD	770066
Rapid Slide Scanner (RSS) III-Cup	Analyser with cup-drawer Cup base unit Power supply USB cable Calibration card Manual Installation CD	770061
Cup Upgrade Kit für 770066	Cup-drawer Cup base unit	770092 + 770093
Import/Export license	License key for the activation of the import/export function; enables export as CSV file	770010
Voucher for 5000 strip analyses	Activation key for the analysis of 5000 strips	770100
Barcode scanner	Barcode scanner (handheld) incl. mount; connection via USB cable	770015

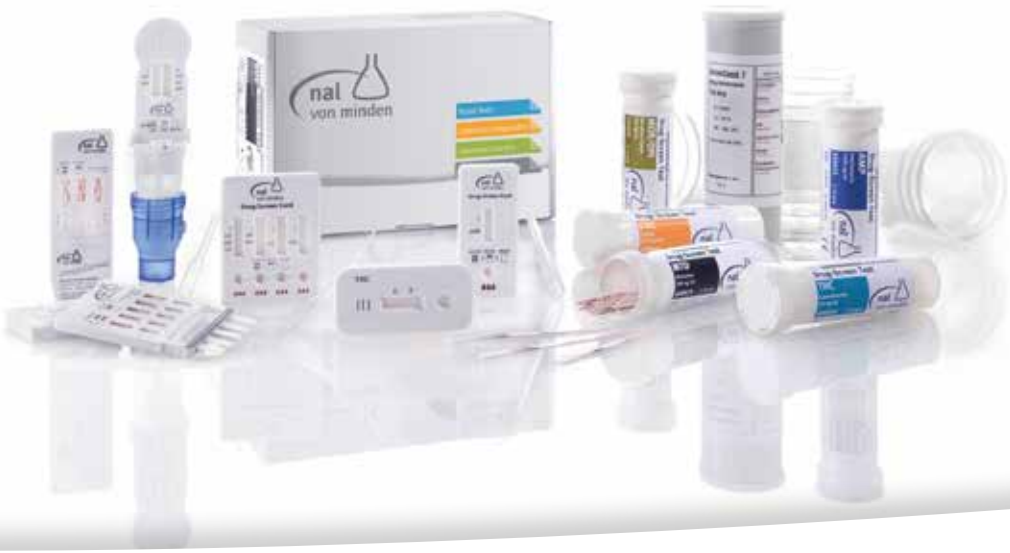
Expand your range…

nal von minden is your specialist for drugs of abuse and medical testing in Europe, with the widest range of drugs of abuse tests in all formats.

- ✓ Tests for over 31 different drugs of abuse, including fentanyl, tramadol, spice and a wide choice of cutt-off levels.
- ✓ Production of your individual parameter combination requirements on request.
- ✓ Single and multi-tests for urine, saliva, whole blood and faeces in the following formats: dip-test, cassette test, cup test or integrated tests (incl. sample collector).
- ✓ Tests to detect sample adulteration.
- ✓ Extensive portfolio of medical rapid tests for bacteriology, infectiology, tropical medicine, parasitology and many more.
- ✓ Possibility for further laboratory analysis (ultrasensitive drugs of abuse EIA & DOA as well as medical ELISA Tests) and confirmatory analysis through our partner labs.

Technical data

Features	
Number of tests per analysis	1-2 cassette tests
Device size (770066)	296 x 230 x 77 mm
Device size (770061)	296 x 230 x 130 mm
Weight	2,9 kg
Scan procedure	Scan once
Lamp	LED light source
Current consumption	18 W (active); 5 W (passive)
Power supply	1x external power supply, CE certified
Input	100V - 240V, 50 - 60 Hz, 0.6 A
Output	24V - 0.75 A
Cable length	1500 mm
USB cable length	1500 mm
Scan size	70 x 150 mm
Technology	Color CCD Sensor
Humidity	20-80%, non condensing
Operation temperature	15-35°C
Working height	0 to 2000m above sea-level








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