iMale RFID reader and label printer

Electronic reading of ear tags and printing of barcode labels

The wireless combination of iMale RFID reader and iMale label printer allows safe reading of animal ear tags and direct printing of barcode labels in the semen collection area.

+ Your benefits

- + Safe reading of ear tags due to long reading distance
- + Quick and easy barcode label printing: RFID ear tag number, donor information, collector ID, logo, date and time
- + Wireless data transfer to printer; no chaos with cables
- + No additional software required to print labels
- + Handy, battery operated devices can both be carried by the operator
- + iMale RFID reader is robust and water proof (IP 67)
- + iMale RFID reader comes with built-in quick-charger and external power supply

iMale RFID reader [1]	18001/0000
iMale S RFID reader with case [2]	18001/0010
iMale label printer [3]	18001/0200
Complete set: iMale RFID reader with label printer, protective bag, case, and cable for charging and programming [4]	18001/0300

iMale S (18001/0010)

2

1

iMale (18001/0000)

iMale reader available in 2 sizes

3

4

minitube

Clear identification and secure processes

In addition to the tag number, further animal information such as donor name or a breed code can be printed on the label by loading spreadsheet of information about each semen donor into the device. A logo and collector ID can also be added to the label.

The printed barcode label can be attached to the semen collection bag/cup and can then be used to securely identify and process ejaculates in the laboratory, i.e. with Prism10. When the barcode label is scanned with the barcode reader in the lab, a new ejaculate file for that semen donor is automatically opened in Prism10. This eliminates data entry errors and ensures correct ejaculate and semen dose identification.

Device length: 20 cm
Reading range: 20 cm

Reading distances, Bluetooth connectivity

The RFID reader is available in two sizes. The larger version has a device length of 65 cm and a reading range of 30 cm. The iMale S has a device length of 20 cm and a reading range of 20 cm. All HDX and FDX-B ear tags can be read.

RFID reader and label printer can be connected via Bluetooth. The maximum distance for wireless data transmission from the iMale reader to the label printer is approximately 10 meters.

Device length: 65 cm
Reading range: 30 cm

Accessories

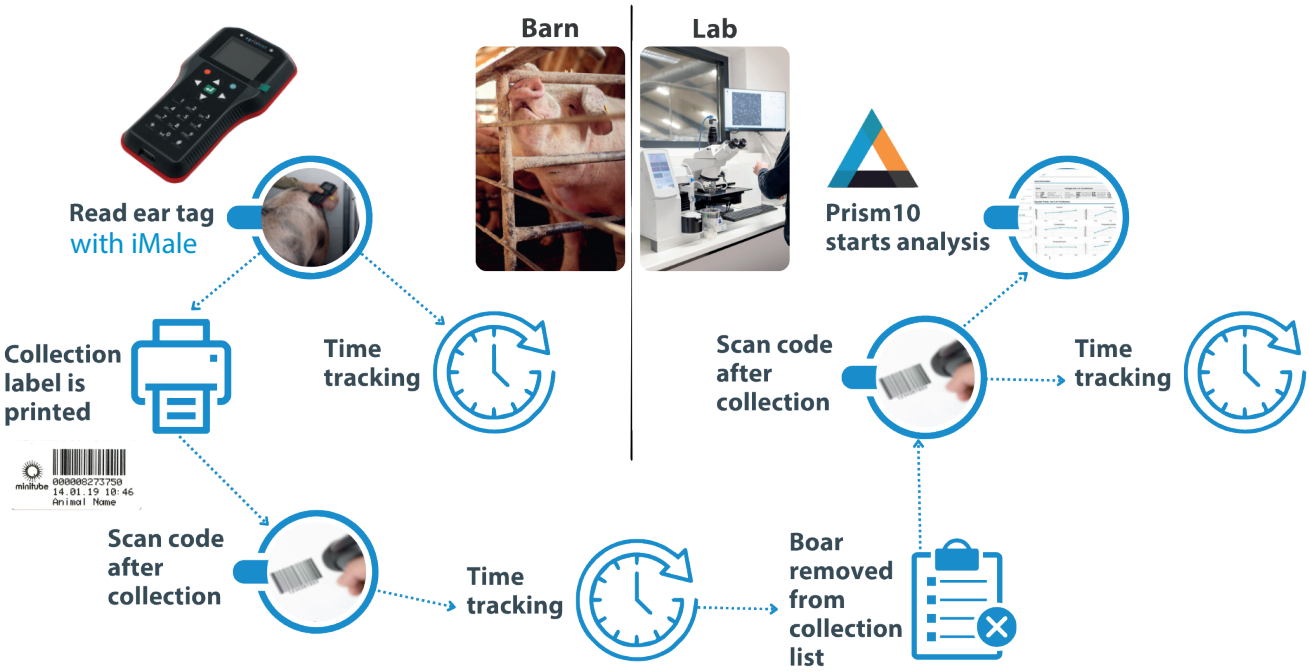
The iMale S comes in a durable case. For the iMale, the case is available as an optional accessory.

Case, for iMale RFID reader (18001/0000) and accessories	18001/0900
Label for iMale printer, 51x25 mm, roll with 425 labels	18001/0210
Protective bag for printer, with shoulder strap	18001/0290
RFID ear tag	18000/006x

Example of printed labels

Collection Room Module (Prism10 lab software) – Monitoring and reporting of processing times in the collection area

Workflow



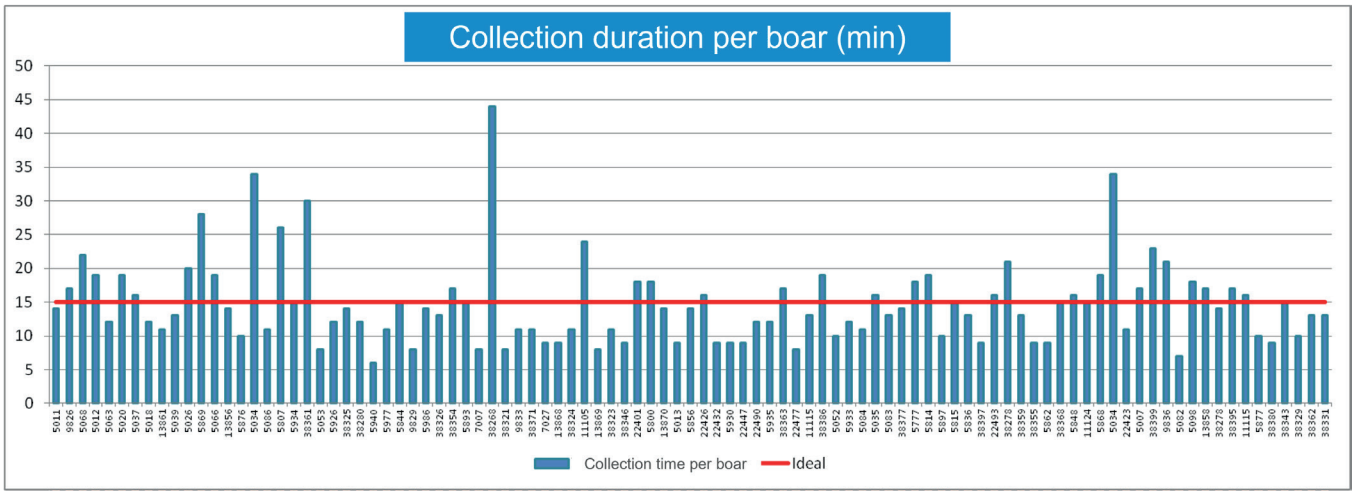
- The new Collection Room Module enables the barn team to create in-queue ejaculate records before samples arrive at the laboratory, giving the lab early visibility into upcoming production.
- New Collection Pit Screen displaying:
  - Production progress
  - Recent collections
  - Collection lists
  - Key production statistics
- Scan-based workflow for documenting multiple timestamps in both the barn and the laboratory, fully compatible with tablets and the iMale system.
- New Prism10 user role: Collector, restricted to the barn communication screen.
- Improved production transparency:
  - The laboratory can monitor which boars are currently on the dummies.
  - Upcoming ejaculates and their impact on production become visible in real time.
  - Enables proactive communication to avoid overproduction.

Start collection	End collection	Collection duration	Start processing	Start process duration
17.03.26, 08:52	17.03.26, 09:07	00:15:00	17.03.26, 09:10	00:02:50
17.03.26, 09:03	17.03.26, 09:13	00:10:00	17.03.26, 09:19	00:06:42
17.03.26, 09:05	17.03.26, 09:19	00:13:54	17.03.26, 09:29	00:10:07
17.03.26, 10:14	17.03.26, 10:26	00:12:28	17.03.26, 10:38	00:11:13
17.03.26, 10:14	17.03.26, 10:25	00:10:36	17.03.26, 10:33	00:08:31

Timestamps allow workflow analysis

Works perfectly with Prism10 lab software (Collection Room Module)

Report example



Required equipment and technical specifications

Software

- Prism10 version 1.5 or later

Computer or Tablet (not in scope of delivery)

- Operating System: Windows 11
- Network / Wi-Fi capable
- USB port(s)
- 16 GB RAM
- Suitable for humid and ammonia-containing environments (boar barn) – Protection class: IP68 / IP69K

Scanner Options (not in scope of delivery)

- 13211/0300: Barcode scanner, handheld
  - Bluetooth
  - QR code capable
- Alternative – 13211/0100: Barcode scanner, standing unit
  - USB-A connection
  - QR code capable

Barcode scanner, handheld

Barcode scanner, standing

Subject to modifications, errors excepted. Illustrations similar. | 07/2026 | V1