



RI Witness™

Product guide

ORIGIO • SAGE • Humagen • TPC • K-Systems • **RI** • Wallace • LifeGlobal • CooperGenomics



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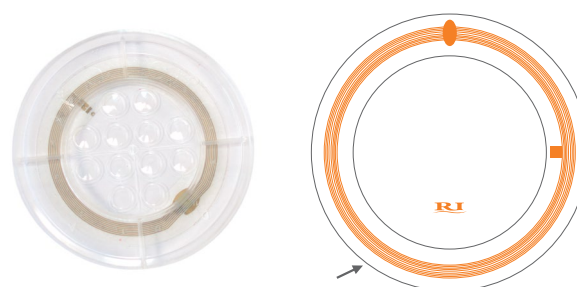
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Essential RI Witness products

Plasticware tags

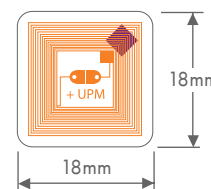
There are four types of Radio Frequency Identification (RFID) tags available for plasticware:

- Square
- Circular
- Rectangular
- Time-lapse

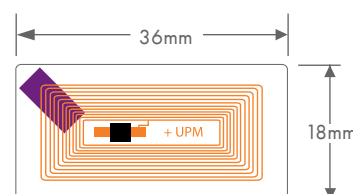


Dia 43.8mm

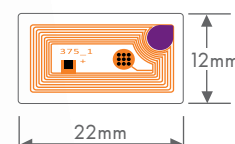
Circular tag



Square tag



Rectangular tag



Time-lapse tag



Patient identity label sheets
available in 4 different designs
(supplied in packs of 50)

Circular tag diameter 41mm, inside diameter 32mm
Square tag 18mm x 18mm
Rectangular tag 35mm x 17mm
Time-lapse tag 12mm x 22mm
(available in packs of 50)

Work area PC options

Computers are usually supplied by the end user to benefit from PC manufacturer support locally.

We recommend the use of Dell Latitude or Microsoft Surface tablet PCs for each RI Witness Work Area inside your embryology and andrology labs. They have the advantage of comprising a PC and touch-screen monitor in one and can be mounted in flow cabinets in a variety of ways.



Work area tablet option (WIFI or LAN connections) on bracket mounted to stereozoom pillar



Work area tablet option (WIFI or LAN connections) on magnetic mount

Key fobs and patient ID cards

Key fobs allow users to log into work areas without entering a PIN (personal identification number).

Patient ID RFID cards are used as a visible interface between the patient in the theatre and the embryologist in the ART lab. Patient ID Cards are often used to help patients feel involved in the ART process.

The cards are provided blank on both sides and a label can be used from the patient identity label sheets or clinics can print their own.



Key fobs (Individual)

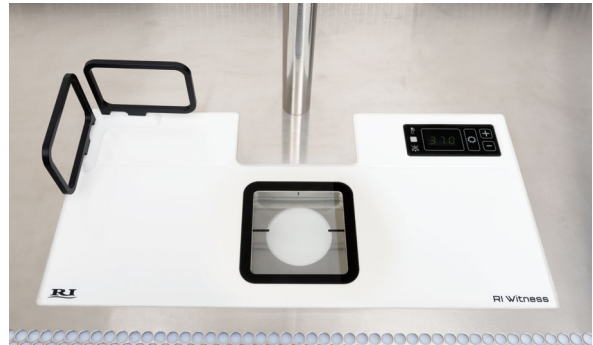


Patient ID cards (pack of 50)

RI Witness RFID readers

Sit on top and flush fitted Embryology Heated Plate

Our heated plates comprise a composite surface with window for a light source. They sit on top of existing bench-tops or can be integrated to be flush fitted within worktops. Please contact your RI Witness representative about compatibility with your safety cabinet(s).



Sit on top heated work area

Flush-fitted heated work area

If no heating is required, the plate can simply be turned off to give a functional RFID work surface that reads ambient temperature and is suitable for cryo procedures and closed chambers.

Admin & card reader

The admin & card reader performs two functions. It allocates patient IDs to cards and plasticware and locks down work areas in the laboratory to one particular patient.

In an administration setting, it can sit on an existing benchtop or desk surface while connected to a PC or tablet by USB.

As a card reader in the laboratory and theatre, it is mounted either on the wall of the theatre or the workstation and connected to the relevant work area via a USB connection.



Admin reader

Sperm preparation reader

This unheated reader comes with a plastic test tube rack that sits on top of your existing bench top.



Sperm preparation work area

Tube reader

An accessory for the Embryology Heated Plate, this tube reader enables the reading of RFID tags attached to test tubes, (maximum of four) and matches them with any tagged plasticware in the same work area.

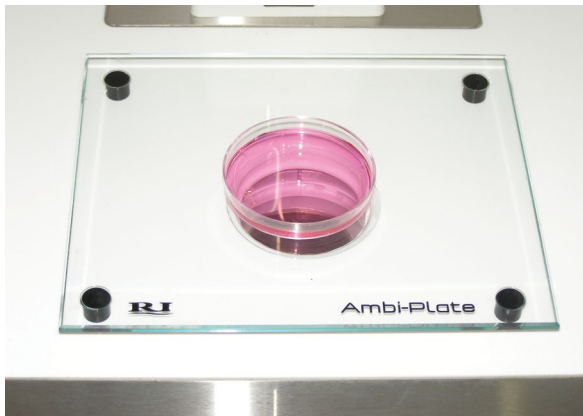


Tube reader accessory

Optional RI Witness products

Ambi-Plate

The Ambi-Plate can be used together with the RI Witness Embryology Heated Plate to enable the user to carry out vitrification or other procedures where a microscope is needed, but heat is temporarily not required.



Ambi-Plate

Legs for work area

If you require legs for your workstation we provide four. Made of metal and plastic, they are adjustable to raise the height of the sit on top Embryology Heated Plate in order to accommodate a stereo-zoom light base.



Legs for work area
Legs adjust from 80mm min height to 105mm max height

Barcode label printing for cryo

The Cryo function is an extension of the RI Witness laboratory security system which allows clinic staff to encode, print and track patient material that go into and out of cryogenic storage.

You will need to supply your own barcode labelling equipment. We recommend the Brady BMP71 as the labels are easy to read and have a proven record of durability and stability in low temperatures.



Label printer (BMP71)

Cryo part numbers for brady labels (printer brady BMP71)

Description	CooperSurgical label part number	CooperSurgical ribbon part number	Brady label part number	Brady ribbon part number
Wrap around straws	6-70-720	6-70-710	M71-19-427	M71-R4300
Wrap around vials	6-70-721	6-70-710	M71-86-461	M71-R4300
Small vials (500)	6-70-722	6-70-711	M71-76-461	M71-R6200
Small vials (250)	6-70-723	6-70-711	PTL-76-461	M71-R6200
Re-label frozen material	6-70-724	6-70-712	M-71-19-492	M71-R6400

Barcode scanners for traceability and cryo

We supply two scanner options, wired and wireless. Both are supplied with a stand and can be used for the scanning of patient sample barcodes and/or the barcodes on your consumables, for traceability and quality management.



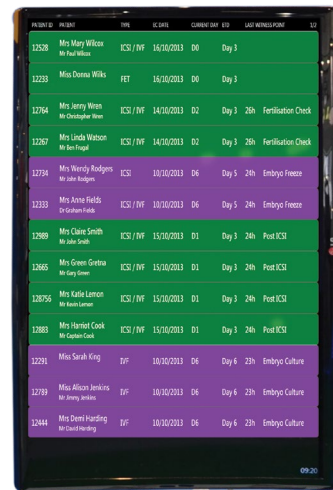
Wired scanner



Cryo straws

Cycle overview display (COD)

The COD is a useful tool for embryologists and clinical staff to view live updates on procedures as they take place in the clinic, including details such as cycle type and the last or next procedures to be performed or scheduled for that day.

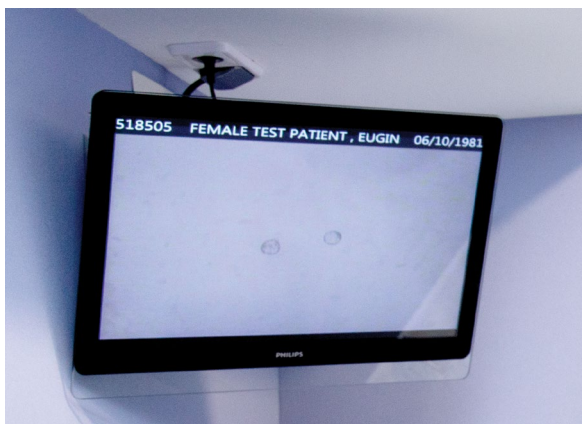


PATIENT ID	PATIENT NAME	CYCLE TYPE	IC DATE	CURRENT DAY	ICD	LAST RETRIEVAL POINT
12520	Mrs Mary Wilson Mr Paul Wilson	ICSI / IVF	14/10/2013	D0	Day 1	
12233	Mrs Donna Wilks	FET	14/10/2013	D0	Day 1	
12764	Mrs Jenny Wilson Mr Christopher Wilson	ICSI / IVF	14/10/2013	D2	Day 3 26h Fertilisation Check	
12267	Mrs Linda Watson Mr Ben Fugle	ICSI / IVF	14/10/2013	D2	Day 3 26h Fertilisation Check	
12754	Mrs Wendy Rodgers Mr John Rodgers	ICSI	14/10/2013	D6	Day 5 24h Embryo Freeze	
12333	Mrs Anna Fields Mr Graham Fields	ICSI / IVF	14/10/2013	D6	Day 5 24h Embryo Freeze	
12689	Mrs Claire Smith Mr John Smith	ICSI / IVF	15/10/2013	D1	Day 3 24h Post ICSI	
12660	Mrs Greta Gattas Mr Gary Gattas	ICSI / IVF	15/10/2013	D1	Day 3 24h Post ICSI	
12876	Mrs Katie Lemon Mr James Lemon	ICSI / IVF	15/10/2013	D1	Day 3 24h Post ICSI	
12683	Mrs Harriet Cook Mr James Cook	ICSI / IVF	15/10/2013	D1	Day 3 24h Post ICSI	
12291	Mrs Sarah King	IVF	16/10/2013	D6	Day 6 23h Embryo Culture	
12739	Mrs Alison Jenkins Mr Andy Jenkins	IVF	16/10/2013	D6	Day 6 23h Embryo Culture	
12444	Mrs Derek Harding Mr David Harding	IVF	16/10/2013	D6	Day 6 23h Embryo Culture	

Cycle overview display

Patient display

Patients are able to view the embryo(s) about to be implanted, with the patient ID number shown on the display screen. The number confirms the RFID tag has correctly identified the plasticware. This gives reassurance that the correct embryo(s) are being transferred (camera and monitors not included).



Patient display

Imaging function

This optional software enables the use of a second screen to view images seen down the microscope and allows the taking of photographs and recording of movies that can be added to a patient's file (camera and monitor not included).

- Software is compatible with RI Saturn™ Lasers and Integra 3™ micromanipulators.
- Measurements and comments can be added to the images and are archived for future reference.



Imaging function

Traceability function

Combined with the use of a connected barcode scanner, this optional software component allows you to record the barcodes of consumables (media bottles, etc) and the associated expiry dates. In the event of a product recall, for example, this function allows you to see quickly which patient(s) might be affected.



Data capture function

Most laboratories record cycle information on paper forms, which then need to be transcribed into a clinic database/electronic medical record (EMR). This optional software component enables users to enter data into patient records in RI Witness Manager using a workstation's touch screen display or keyboard and mouse interface.

By inputting directly, transcription errors are eliminated and multiple data handling is avoided. Data can be accessed and analysed immediately from any RI Witness Manager licensed PC on the network. Database compatibility is required.

Your RI Witness sale representative can advise you about the interaction possibilities between your patient database/EMR and RI Witness ie the transfer of patient data, lab data and images between the two, avoiding duplicate data entry.



**For further information about RI Witness products, options
and upgrades please contact your sales representative**

Optimize your performance, learn new skills and network with international peers.

We provide evidence-based training by skilled, experienced embryologists which includes demonstrations and hands-on training in a comprehensive range of Assisted Reproductive Technologies (ART) and culture media processes.

We invite customers and partners to learn new techniques and share best practices in a fully equipped laboratory.

Please contact us for more details.

