

The logo features the word "Sperm" in a black cursive font and "360°" in a black sans-serif font. The zero in "360°" contains a grey sperm cell. The text is enclosed in a black circle with a white background, which is set against a larger white circle with a thin black border. The entire graphic is on a white background with rounded corners.

Sperm
360°

A large, abstract teal graphic on the right side of the image, composed of overlapping, curved, semi-transparent bands of varying shades of teal, creating a sense of motion and depth.

complete
andrology solutions



Sperm Processor, an ISO 13485:2003 company, presents **Sperm 360°** - an **end to end solution** for andrology labs.

All our products are **CE accredited.**

Each product is thoughtfully designed and precisely made to increase performance quotient of your Lab.

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360° Solutions

*that redefine the way
to serve Lab Andrology...*

widest product gamut

turnkey setup solutions

franchisee model for
lab services

index

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from production to sperm-ovum interaction
sperm gets exposed to different
environments; for each environment it
needs different capability.

*now you can check each of it
with our SFT Kits*

3

Routine Semen Analysis

Viscosity

a reagent for hyper viscous semen



Viscosity-CH : Chemotrypsin Solution

Viscosity-BR : Bromolene Solution

Product Code
SP/SFT/VS-001-A
SP/SFT/VS-001-B

360°

1



Semen Analysis & SFT Kits

ready to use kits

supported with specially designed accessories

every kit come with video of test procedures

all products are



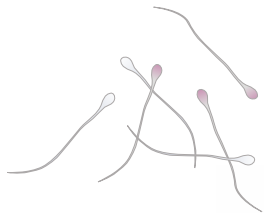
accredited

Sperm Membrane Integrity

6

Vitality

evaluation of sperm membrane structural integrity



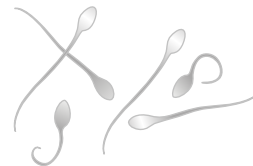
Product Code
SP/SFT/V-003-A

Vitality I - Eosin -Nigrosin Solutions

7

HOS

evaluation of sperm membrane functional & structural integrity

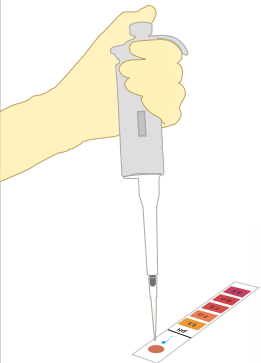


Product Code
SP/SFT/H-004

4

Semen pH

reagent strips for determination of
pH of semen

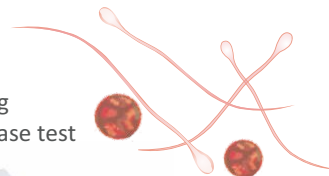


Product Code
SP/SFT/PH-002

5

Leukocytes

detection of leukocytes by using
peroxidase test



Product Code
SP/SFT/L-006



Morphology-D

evaluation of sperm morphology
by Diff-Quick Staining method



Product Code
SP/SFT/MD-005-A

Morphology-P

evaluation of sperm morphology
by Pap Staining method

introducing spray method



Product Code
SP/SFT/MP-005-B

Androgen Activity

10



quantitative estimation of
 α - Glycosidase
in seminal plasma

biomarker of
epididymis activity



also see

Product Code
SP/SFT/ α -011

Androchem Analyser Pg 24

11

quantitative estimation of
Fructose
in seminal plasma



biomarker of
seminal vesicle activity



Product Code
SP/SFT/F-012



quantitative estimation of
Zinc
in seminal plasma

biomarker of
prostate activity



Product Code
SP/SFT/Z-013

Nuclear Protein Assay
to assess nuclear maturity



Product Code
SP/SFT/NP-008



DNA Fragmentation

sperm chromatin dispersion test



Product Code
SP/SFT/DNA-009



DNA Fragmentation kit includes
hydrophilic agarose coated slide & cover glass

also see

we have specially developed accessories
to give you complete DNA Fragmentation Solution



DNA warmer - Pg 23



DNA slide
immersion tray - Pg 24

Immunological Causes

16



Antisperm Antibody - IgG

MAR Test (mixed antiglobulin reaction)



fresh semen can be used
for testing

Antisperm Antibody IgG - Latex Particles coated
with IgG and Antihuman IgG Antiserum

Product Code
SP/SFT/ASA-007-A

17

Antisperm Antibody - IgA

MAR Test (mixed antiglobulin reaction)



fresh semen can be used
for testing

Antisperm Antibody IgA - Latex Particles
coated with Antihuman IgA Antibody

Product Code
SP/SFT/ASA-007-B

360°



Instruments & Accessories

Practical Innovations for Practical Andrology

ergonomic designs | greater operational functionality | improves test results

all products are



accredited

Sperm meter

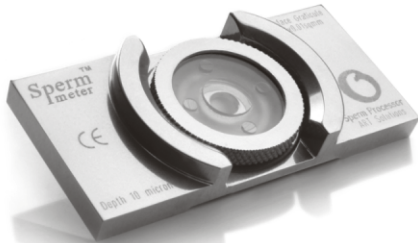
SpermMeter analyses **sperm concentration** and with respect to it, quantitative & qualitative assessment of **sperm motility**.

importantly, you get all these results in a same focus of microscope

no need of semen dilution

10 μ depth avoids overlapping of sperms

defined micrometric grid for easy calculations



Product Code
SP/INT/001-A

Sperm warmer

SpermWarmer is a microprocessor based **temperature control system** to maintain specimens at **37^o C** temperature



provision to hold all the plasticware, & disposable required for the tests

Product Code
SP/INT/004-A

Slide Warmer

Slide Warmer is a microprocessor based temperature control system to **heat-dry prepared smears & stained smears** at 40°C - 50°C



ensures uniform heat transfer

saves time

Product Code
SP/INT/004-B

DNX Warmer

dual temperature control system

DNX Warmer is a **dual temperature control system** designed to expose the agarose tubes at 70°C or at 37°C in separate blocks of instrument



displays set & current temperature

compatible for 0.5 ml conical bottom agarose tubes

Product Code
SP/INT/004-C

DN α Slide Immersion Tray

specially designed tray for DNA Fragmentation Test
to immerse the agarose coated slides completely
with **minimal quantity of reagents**



saves reagent

reduces cost per test

Product Code
SP/ACC/003-B

Glass Slide Staining Tray

a tray to **maintain** slide surface in exact **horizontal position**
for layering & maintaining the reagents on it
during staining procedure



only the required portion
of reagent is utilised

no chances of change
in pH of the rest of reagent

improves staining quality

Product Code
SP/ACC/003-A

AndroChem Analyser

Androchem Analyser is pre-programmed to perform **quantitative estimation of the biomarkers** like Fructose, Zinc, α - Glycosidase



instant report print

R-32 port to transfer the results to computer

facility to program new tests

Product Code
SP/INT/008

Andro Spin

a **centrifuge machine** designed to **work at 37°C**, that is same as the in-vivo temperature, to maintain the natural functionality of sperm



extremely sturdy

highly accurate

Product Code
SP/INT/006-A

Sperm vision

phase contrast microscope -
10X & 20 X phase optics
with 40X & 100X bright field optics
with all standard configurations



Product Code
SP/INT/005-A



Computer Assisted Semen Analyser



for the first time ever a CASA that includes You...

introducing Expert Mode

where the *technology* helps you go beyond *technology*

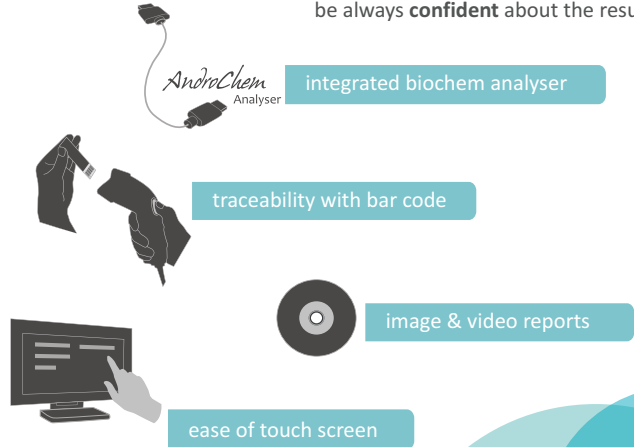


Product Code
SP/INT/002

patent pending technology

SpermSoft is par image processing
It's is not just a software but a complete stand-alone system
that will surely be a backbone of your andrology lab...

SpermSoft is developed with a bunch of exciting features
so that you can work with **ease & convenience** and
be always **confident** about the results



stay connected through wi-fi

SpermSoft comes with wi-fi connected tablet, so now you can monitor or give your expert input to lab technicians right from your desk



sperm soft
CASA & You

world's most comprehensive CASA

	Expert Mode	Auto Mode
Routine Semen Analysis	✓	✓
Morphology	✓	✓
Vitality	✓	✓
HOS	✓	NA
Nuclear Protein Assay	✓	✓
DNA Fragmentation	✓	✓
Leukocytes	✓	✓
Antisperm - Antibody	✓	NA
α - Glycosidase	NA	✓
Fructose	NA	✓
Zinc	NA	✓

the stand-alone system comes with

- negative phase contrast microscope & all accessories
- USB 3.0 CCD Camera
- 23" touch screen all-in-one computer with stylus
- barcode reader & printer
- 10" tablet - windows OS
- colour inkjet printer
- androchem analyser - optional (with R32 cable)

Sperm COLLECT

a non-spermicidal semen collection pouch
made of biologically inert polyurethane

maintains sperm
motility & viability



Product Code
SP/PAD/003

SpermTrans IUI Catheter

SpermTrans is an Intrauterine Insemination Catheter
made up of medical grade Polyolefin



working designs suits uterine anatomy

CE 1299

▲ accreditation

Product Code
SP/PAD/001

360°

Plasticware & Disposables

360°

Lab Setup Solutions

Andro Table

ergonomically designed table which makes
lowest foot print andrology lab



Product Code
SP/LAB/001

to further add to our 360° solutions

We also provide

Hands-on Training

on Basic & Advance Lab Andrology Techniques

*thus we are with you 360 degrees
to make your lab complete*



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