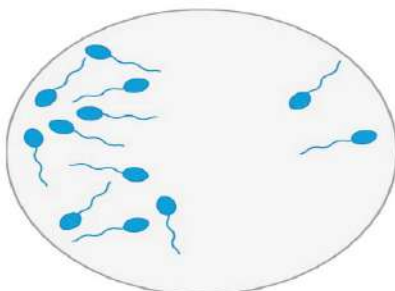


SEMENSSCOPE

QSS-20

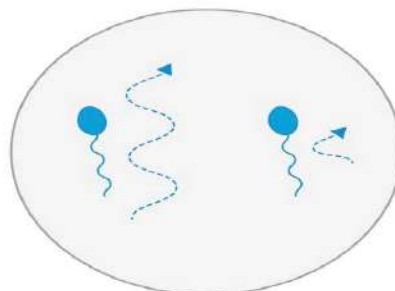


Normal / Low Sperm Count



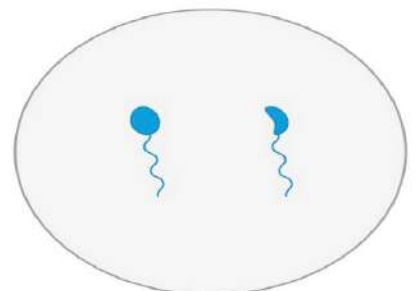
Sperm Count

Normal Progression / Poor Motility



Sperm Motility

Normal Shape / Abnormal Shape



Sperm Morphology

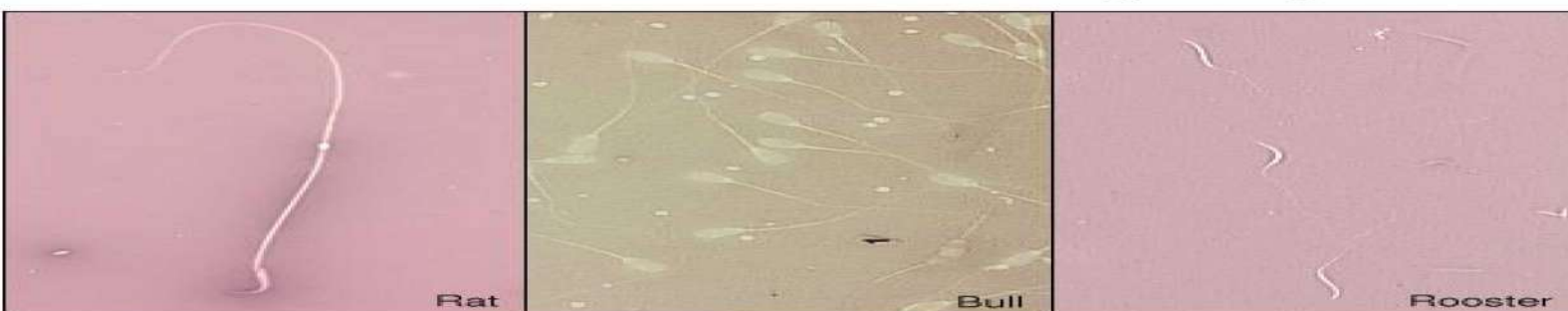


Semen analysis Portable microscope is used to enhance the contrast of light microscopy images of transparent and colourless specimens. It enables visualisation of sperm cells and cell components that would be difficult to see using an ordinary light microscope. Semen analysis microscope does not require cells to be killed, fixed or stained. The technique enables living cells to be visualised in their natural state, this means biological processes can be seen and recorded at high contrast and specimen detail can be observed. This microscope is for sperm analysis (motility & morphology). This microscope has in-built digital temperature control unit which can be set at 32°C-37°C. The unit is stable enough with the accuracy of (+)0.3°C.

QUASMO
MICROSCOPES & OPTICS

QSS-20

- Optical System : High quality Finite Optical System
- Stand : Aluminum die-cast stand with heavy base and attached heating system (PID)
- Observation Head : Mechanical tube length 160mm fitted with 90° inclined Observation Tube for comfortable & convenient observation.
- Eyepieces : Widefield 10x/18mm, anti-fungal & anti-reflection hard coated
- Nosepiece : Triple revolving nosepiece with positive centering & click stops.
- Objectives : QUAO series high contrast flat field DIN Ph objectives 10x / 20x, anti-fungal & anti reflection hard coated. Can be upgradable to Ph40x (optional)
- Stage : stage size 120 x 120mm, With two stage clips
- Condenser : Sub-stage Abbe Phase condenser
- Illumination : Plano-Concave mirror diameter 50mm mounted on gimbal mount along with 1W LED sub-stage Lamp
- PID : Built-in temperature display and Microprocessor PID temperature control. AC input 110V – 240V AC, 50/60 Hz.
- Filter : White/ Green
- Carrying Case : Power cord Packing Supplied with Manual, Cleaning Cloth & Dust cover
- Optional Accessories : Micrometer slide, Huygenian eye-piece 5x, 10x & 15x, Pointers & Micrometer Reticules, Quadruple nose-piece, Application Specific Objectives and Eyepieces, High Performance USB Cameras 3.1MP, 5.1MP, 10MP, 14MP and Wifi camera with HDMI output.



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