

PORTABLE ALL-IN-ONE SURGICAL PLATFORM

SURGISTART

UL - SMARTPORT - HD / 4K

A whole minimal invasive surgical suite
that fits on the trolley you already own.

Camera, CCU, LED source, recorder and monitor in a single
carry-anywhere body, supplied with a Full HD rigid
hysteroscope.

CMOS CAMERA

Full HD

MONITOR

21" inbuilt HD

OUTPUTS

HDMI + SDI

SCOPE

**hysteroscope
included**

SURGICAL SOLUTIONS FROM INDIA'S FINEST MINDS



 **HD CAMERA**
CMOS SENSOR

 **21" INBUILT**
HD MONITOR

 **HDMI + SDI**
DISPLAY OUT

 **LED UL9000**
COLD LIGHT

 **HD RECORD**
ONBOARD

 **PORTABLE**
SINGLE BODY

A whole minimal invasive surgical suite that fits on the trolley you already own.

Surgistart puts the camera, control unit, LED light source, recorder and monitor inside one portable body. Clinics, day-care theatres and new practices get diagnostic and basic operative capability out of the box, without building a tower or a stack budget.

FORM FACTOR

All-in-one hybrid body

Camera, CCU, light source, recorder and monitor in one enclosure. Nothing to cable together, nothing to lose between rooms.

DISPLAY OUT

HDMI and SDI outputs

Drive any external theatre monitor from the same unit when a bigger screen is needed for teaching or an assisted procedure.

ILLUMINATION

LED light source UL9000

Integrated cold light with 4.8 mm × 3 m fibre optic cable, so no external light box is needed.

DISPLAY

21" inbuilt HD surgical monitor

Enough screen for diagnostic and minor operative work at clinic working distance, with no separate display to mount.

OPTICS

Full HD rigid hysteroscope

4 mm and 2.9 mm × 300 mm, 30° or straight, supplied with the platform for immediate diagnostic use.

DOCUMENTATION

Onboard HD recorder

Capture stills and video at the point of care for records, referral and patient discussion.

Designed for

Multi-specialty diagnostic and basic operative use in clinics and day-care setups.

Gynaecology

Diagnostic hysteroscopy, polyp removal, fertility evaluation.

General surgery

Laparoscopic diagnostics and minor procedures.

New practices

First minimal invasive surgical platform for a solo or two-surgeon setup.

Urology

Cystoscopy, stent placement, bladder assessment.

Oncology

Endoscopic biopsy, visual inspection, early lesion detection.

Satellite sites

Moves between rooms and centres in a single case.



- A 21-inch inbuilt HD surgical display
- B Front control keys: record, white balance, enhance
- C Camera head input port
- D HD camera head with coupler
- E Fold-out stands, single-hand carry body

Supplied configuration

Camera with camera head	CMOS, Full HD
Inbuilt monitor	21" HD surgical
Zoom coupler	14–32 mm
Rigid hysteroscope	Full HD, 4 mm / 2.9 mm × 300 mm, 30° or straight
Light source	LED UL9000, integrated
Fibre optic cable	4.8 mm × 3 m
Recorder	HD, onboard
Video outputs	HDMI and SDI
Configuration code	UL-Smartport-HD/4K
Deployment	Portable, no rack required

BEST FIT

For independent clinics, day-care theatres and surgeons opening a new practice who need diagnostic and basic operative capability without building a tower.

WARRANTY

3 years, comprehensive

Covers all units supplied with the suite. T&C apply.

CERTIFICATION

ISO 13485 & ISO 9001

Quality-managed manufacture, IAF and NABCB accredited. CDSCO registered.

ORIGIN

Designed and made in India

DSIR-recognised R&D. Serviced by the manufacturer, not an import channel.

Expert guidance, one click away from the sterile field.

CSM streams the SURGISTART feed out of the operating room and brings a remote specialist into the case in real time — seeing the same image, talking to the same team, drawing on the same anatomy. It runs on the suite you already have.



Live streaming

Low-latency streaming of the endoscopic feed out of the OR, so a remote specialist sees exactly what the operating surgeon sees.



Video conferencing

Built on Jitsi. Everyone in the session talks over one channel, scrubbed team included, without interrupting the procedure.



Whiteboard & annotation

Draw and highlight directly on the live surgical image. Guidance lands on the anatomy, not in a description of it.

Second opinion, mid-procedure

Expert input at the moment the decision is being made.

Mentoring and training

Live feedback for residents and young surgeons on real cases.

Proctoring at distance

New techniques adopted without flying a proctor in.

Case archive

Recorded sessions become teaching material and audit trail.

16

PATENTS

3 granted, 13 filed

2000+

INSTITUTIONS

medical institutions served

250+

YEARS

cumulative med-tech experience

~50%

COST OF OWNERSHIP

against comparable imports

3 yr

WARRANTY

comprehensive, all units

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