SMARTLINE MEDICAL

Endoscopy Cabinet Training

iQ Series

Redefining Endoscopy Drying

ENDOSCOPY CABINET RANGE

Core Series

RotaScope Core
(not EN compliant)

Classic Series

SlidaScope
RotaScope

iQ Series

SlidaScope iQ
RotaScope iQ

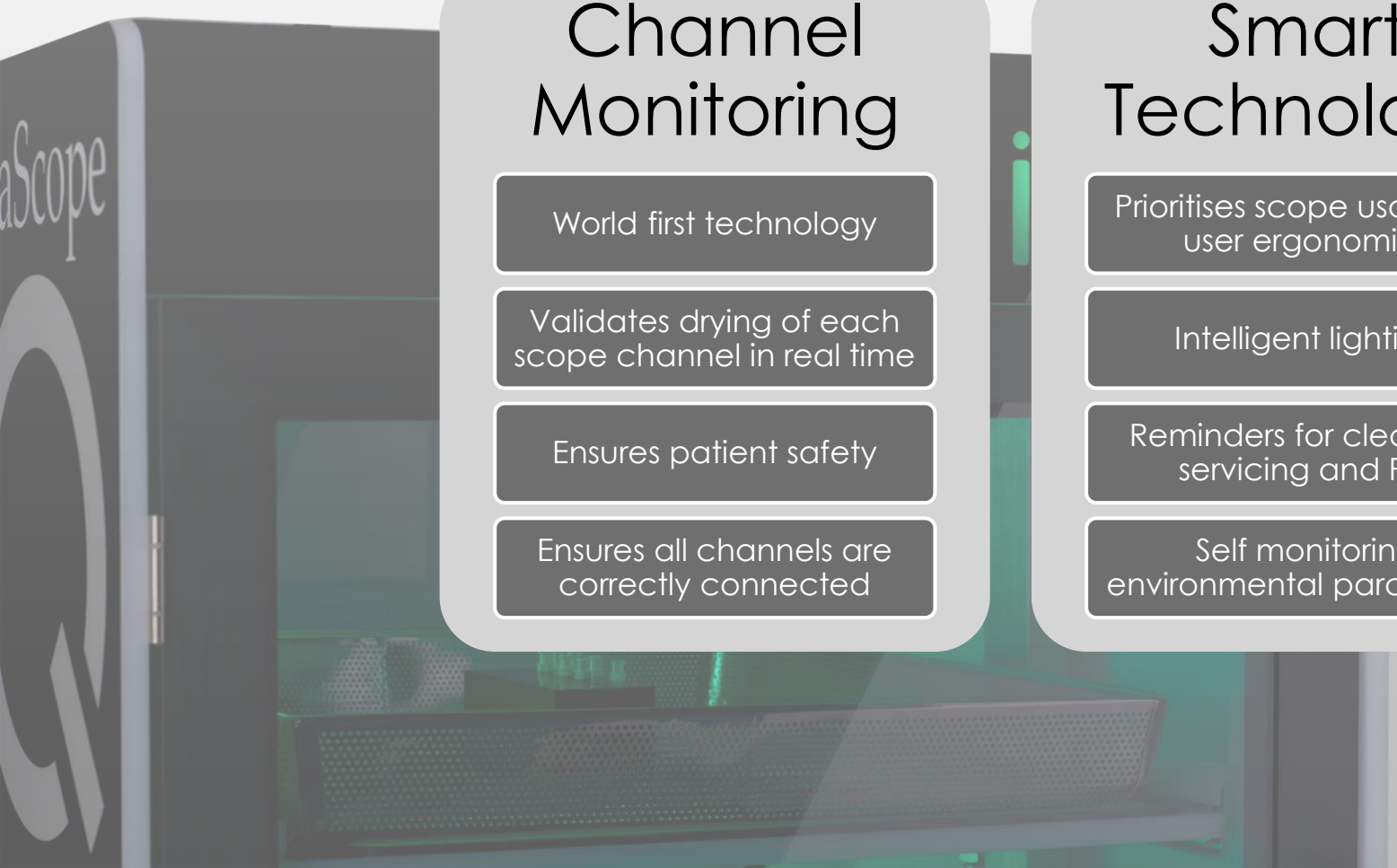
OVERVIEW

Feature	Core	Classic	iQ Series
Integrated Air System Fully independent air system. IAS requires no infrastructure from the hospital and uses patented vacuum technology	✓	✓	✓
Plug and Play No complex install requirements	✓	✓	✓
Customisable Configuration (single door / Pass-Thru)	✓	✓	✓
EN16442 Compliant		✓	✓
Scope Data Monitoring & Intelligent Environmental Monitoring Touch Screen Display shows remaining scope storage time and environmental monitoring		✓	✓
Intelligent Interior LED Lighting		✓	✓
Remote Log In 24/7 service capability and reporting		✓	✓
Smart Storage (SlidaScope) Storage location based on preference		✓	✓
Channel Monitoring Individual scope lumen monitoring of humidity and airflow to prove scope dryness and safety			✓

* See Comparison Matrix

iQ Series

FEATURE BREAKDOWN



Channel Monitoring

- World first technology
- Validates drying of each scope channel in real time
- Ensures patient safety
- Ensures all channels are correctly connected

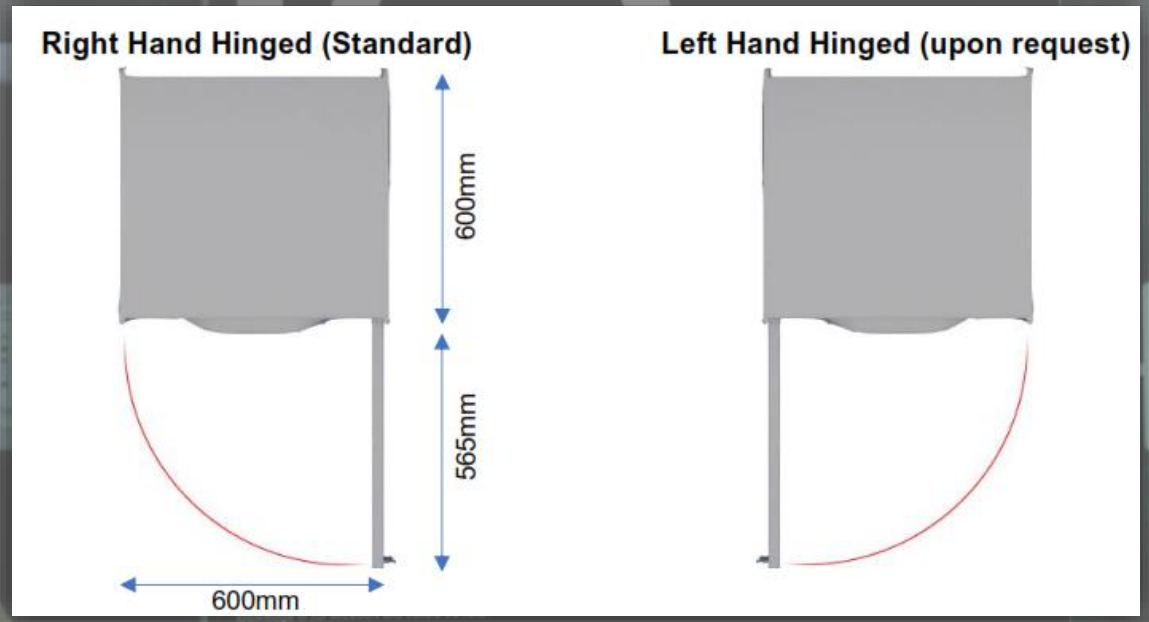
Smart Technology

- Prioritises scope usage for user ergonomics
- Intelligent lighting
- Reminders for cleaning, servicing and PQ
- Self monitoring environmental parameters

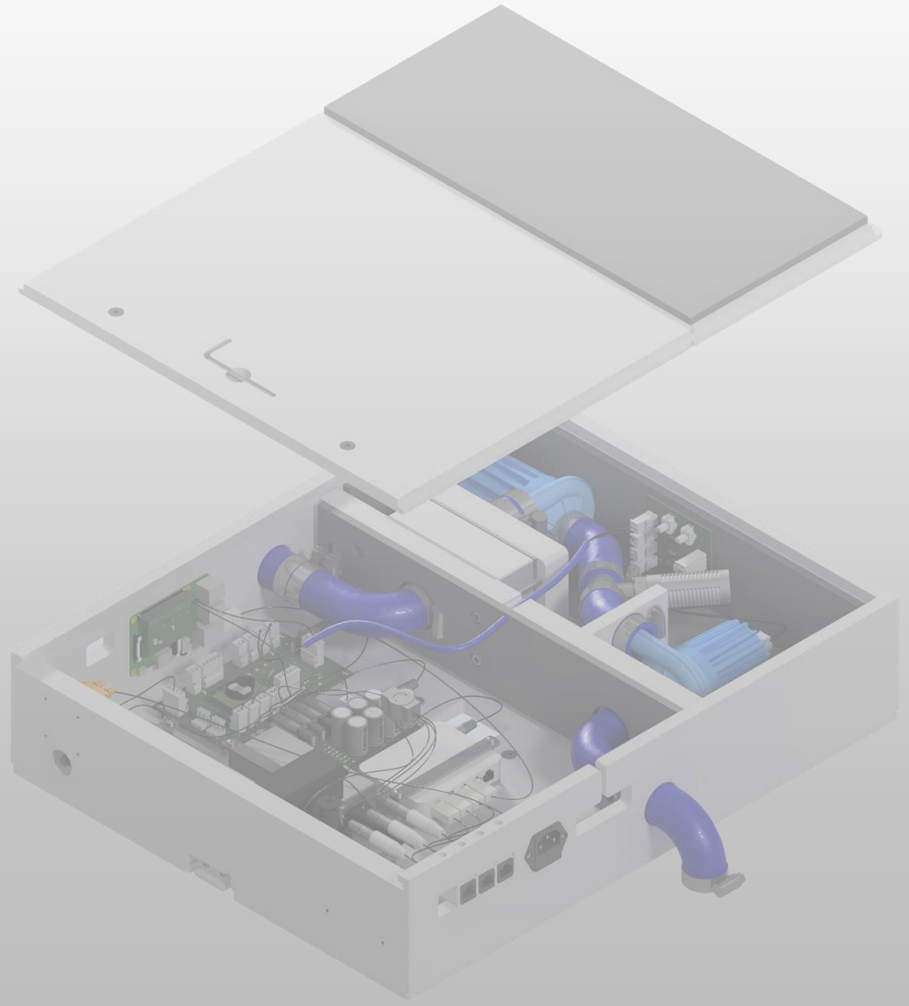
Intelligent Design

- Fully Integrated Air System
- No hospital infrastructure required
- Small Footprint
- Designed with looks and function in mind

CUSTOMIZATION



INTEGRATED AIR SYSTEM



- Fully independent air system
- Requires no infrastructure from the hospital
- Patented vacuum technology rules out possibility of cross contamination
- Air flow with individual channel drying and world first **individual channel monitoring**.

EN16442 Air Quality Certification

- Air Quality-moisture content:
  - Subclause 5.2.1.1.2 test 6.6.2 – Pass
- Air Quality-oil content:
  - Subclause 5.2.1.1.2 test 6.6.3 – Pass/optional
- Air Quality particulate contamination:
  - Subclause 5.2.2.4 test 6.6.1 & 6.11 – Pass
- Airborne microbial contamination:
  - Subclause 5.2.2.1 test Annex C – Pass

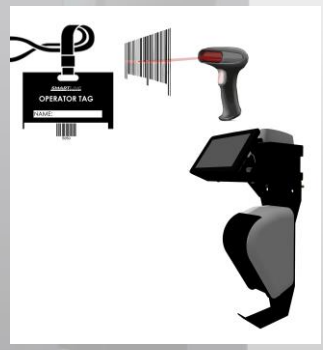
iQ Series

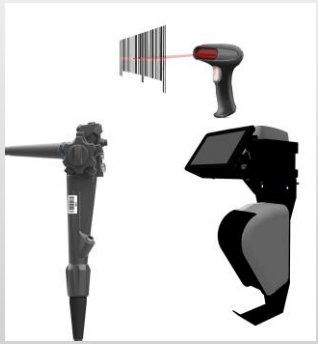
ACTIVATING TRACKING

Easy 3 step process at washer and cabinet

1. **WHO** – Operator barcode presented to station
2. **WHAT** – Scan Scope barcode
3. **WHERE** – Scope loaded or unloaded from device

AER

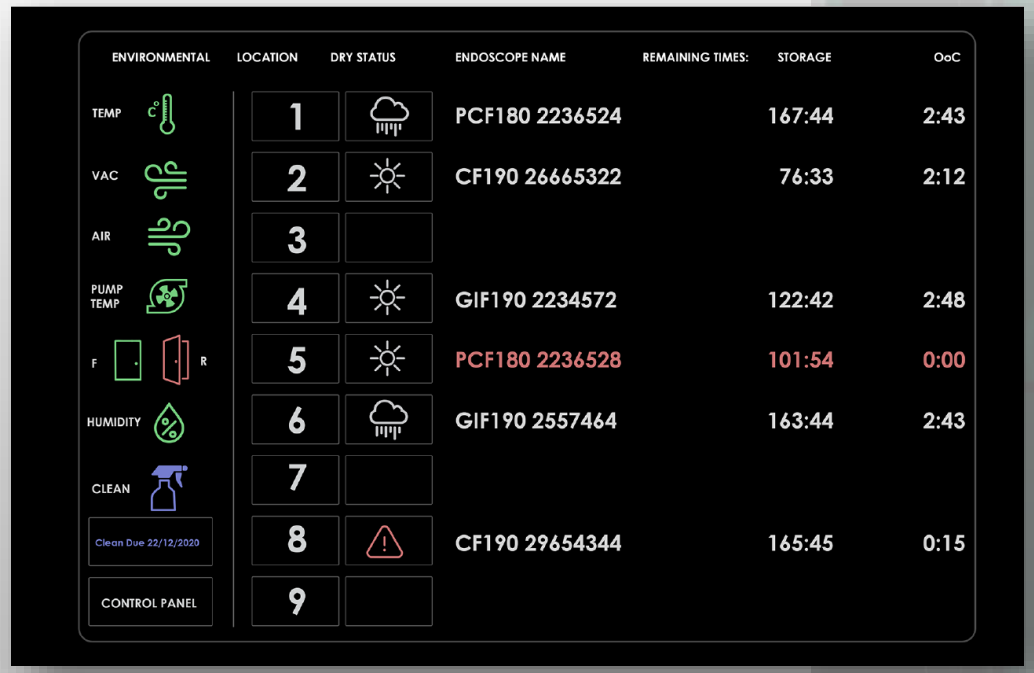




CABINET

iQ Series

TRACKING AND TRACEABILITY



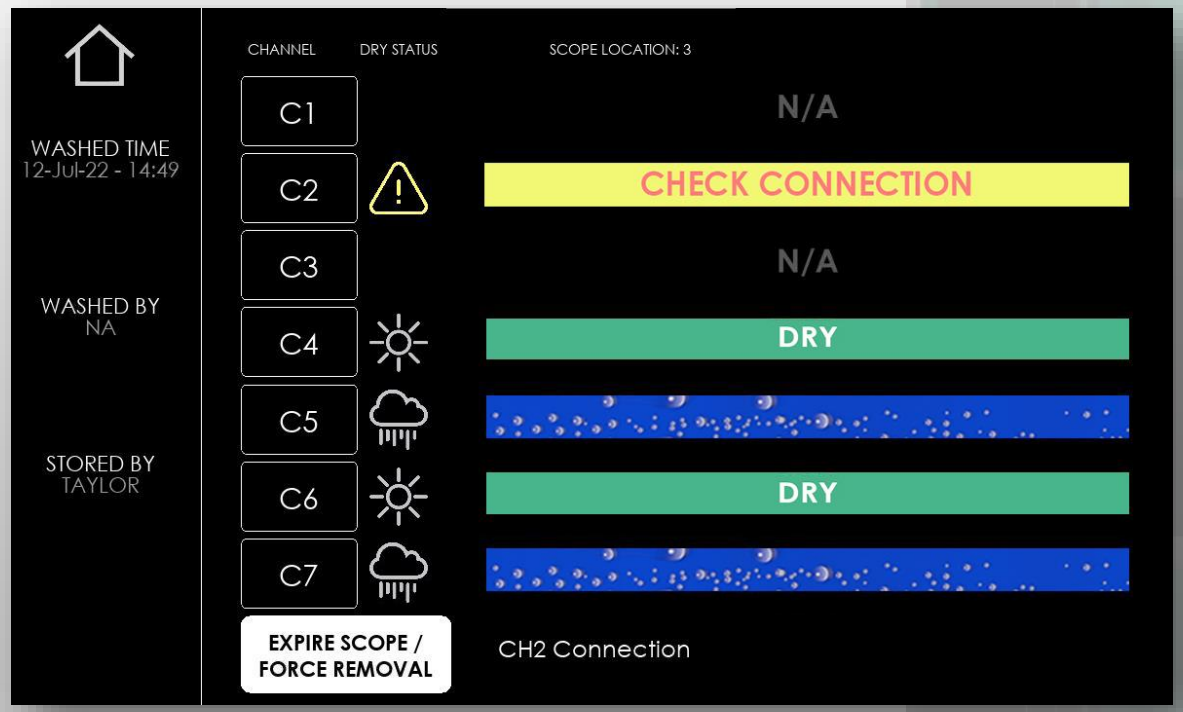
- Barcode tracking system
- Touch screen display shows remaining scope validity storage time in and out of cabinet
- Compatible with any AER model
- Paperless validation of scope drying

The Environmental Monitor measures and records the following cabinet conditions:

- Temperature
- Humidity
- Air (Cabinet Pressure)
- Vacuum
- Door Status
- IAS Temperature
- Routine Cleaning Status

iQ Series

TRACKING AND TRACEABILITY – CHANNEL MONITORING



- Shows individual Channel Status
- Full scope details available
- Records errors and faults
- Paperless validation of scope drying

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CONTROL SCREEN

Data Capture

Theatre Use

- Patient

Bedside Clean

- Immediate flush and wipe down

Manual Decontamination

- Sink cleaning
- Leak testing

AER Washer

- Automated Endo Reprocessor
- Chemical Cleaning
- Sometimes Alcohol flush and air purge

Drying Cabinet

iQ Series

TICKET PRINTOUT

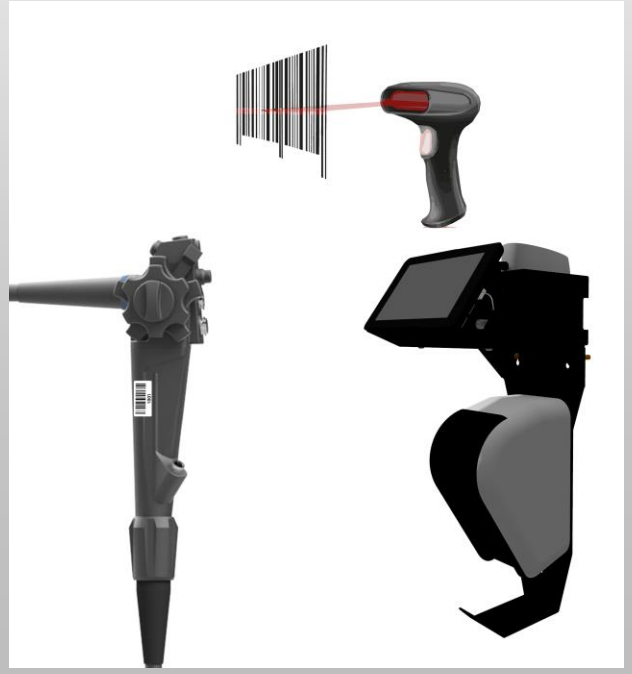
- Scopes can be presented to printer at any stage for instant status report
- Tickets can be customised based on site preference
- Printed onto stickers for easy physical record keeping and daybook procedures

SCOPE WASH RECORD

SCOPE TYPE:	ENDOSCOPE
SCOPE NAME:	scope 4
WASHER:	AER 1
LOADED TIME:	11:46:36 Jan-06 20
LOADED BY:	Richard2
REMOVAL TIME:	11:46:42 Jan-06 20
REMOVED BY:	Richard2
MAX STORAGE:	168 HOURS
OOC EXPIRES:	14:46:52 Jan-06 20

SCOPE STORAGE RECORD

SCOPE TYPE:	ENDOSCOPE
SCOPE NAME:	scope 4
LOADED TO:	ROTASCOPE 1:1
LOADED TIME:	11:46:58 Jan-06 20
LOADED BY:	Door TAG
REMOVAL TIME	11:47:09 Jan-06 20
REMOVED BY:	Richard2
STORED FOR:	0.0 HOURS
OOC EXPIRES:	14:46:52 Jan-06 20

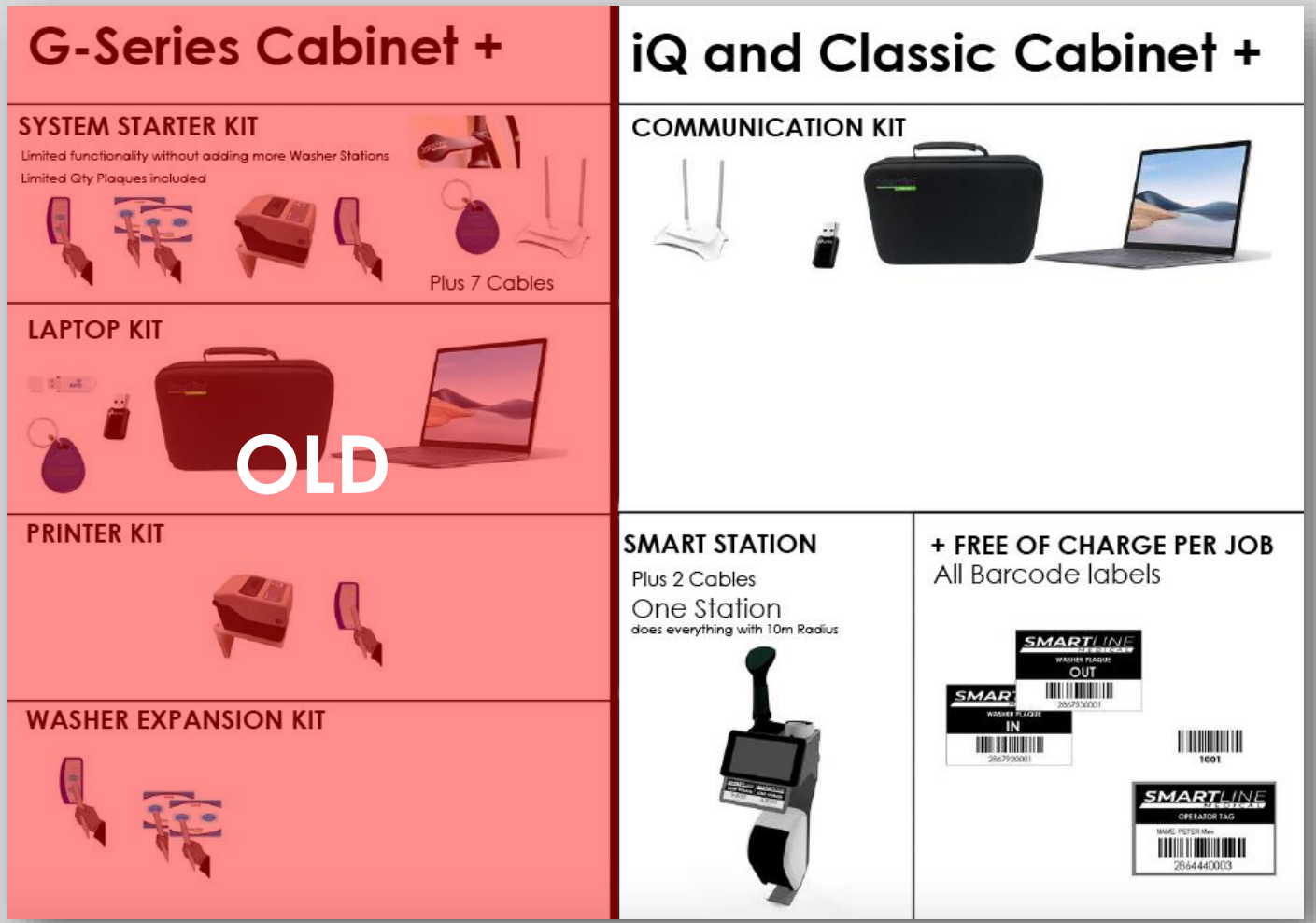


Site Estimation

Considerations are listed in the **F227** form. This must be completed for every cabinet job and given to Smartline before production commences to ensure job details are correct and assist in preparing the site for installation.

- Site Visit and Consultation
- Quote and Design - Preparation and Presentation
- Customer Order
- Confirmation of Requirements (F227) and Site preparation
- Installation and Training

Data Equipment



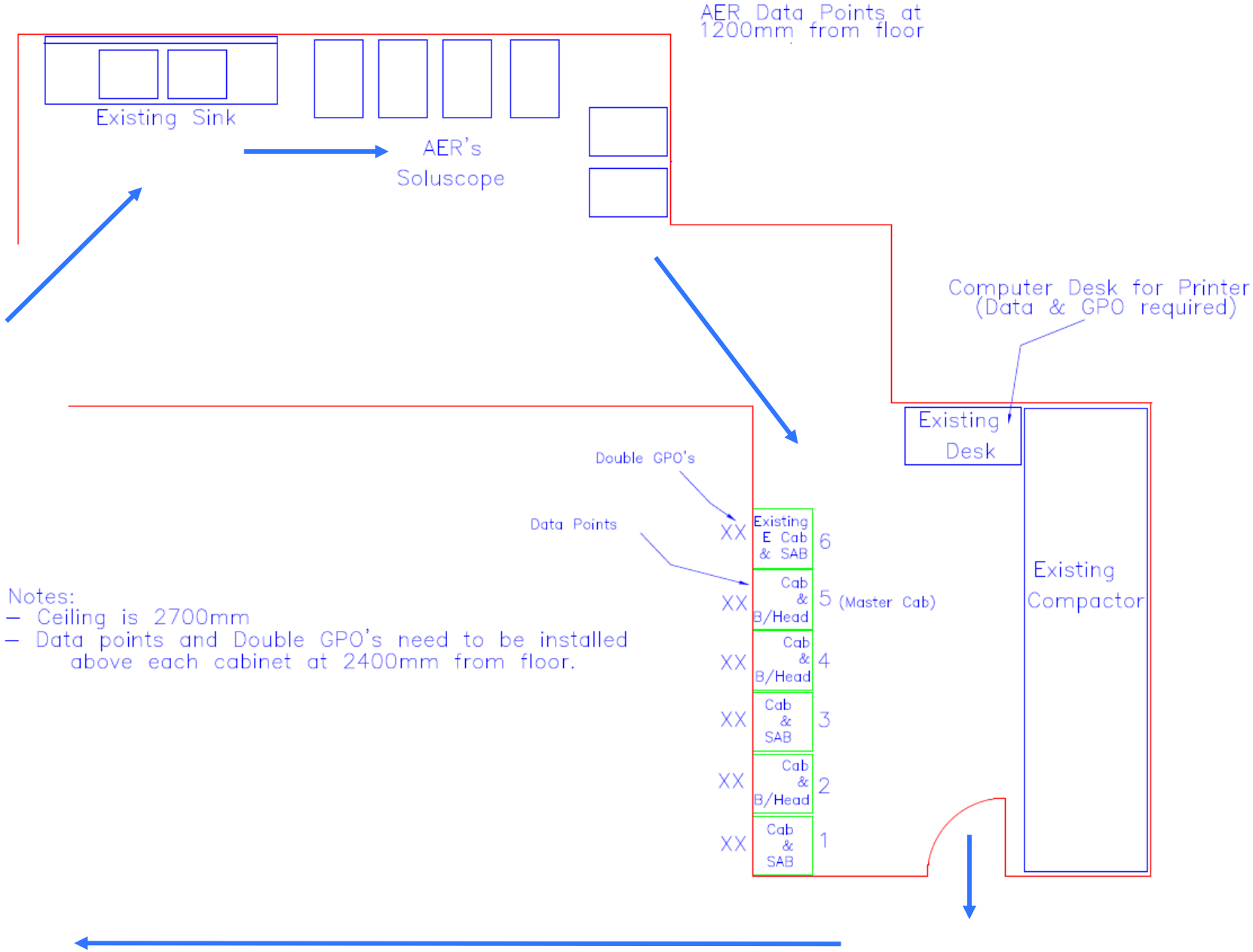
Communication Kit
- Wifi Router
- Laptop (optional)
- Additional Wifi Dongle

<u>1x per site</u>

Smart Station
- Printer
- Touch Screen
- Barcode Scanner
- Wall Mount

<u>1+ per site (as required)</u>

Barcodes
- Washer
- Operator
- Scopes



Case Study: Single Door Cabinets

Locations for:

- Cabinets
- Smart Stations
- Data Requirements
- Power Requirements

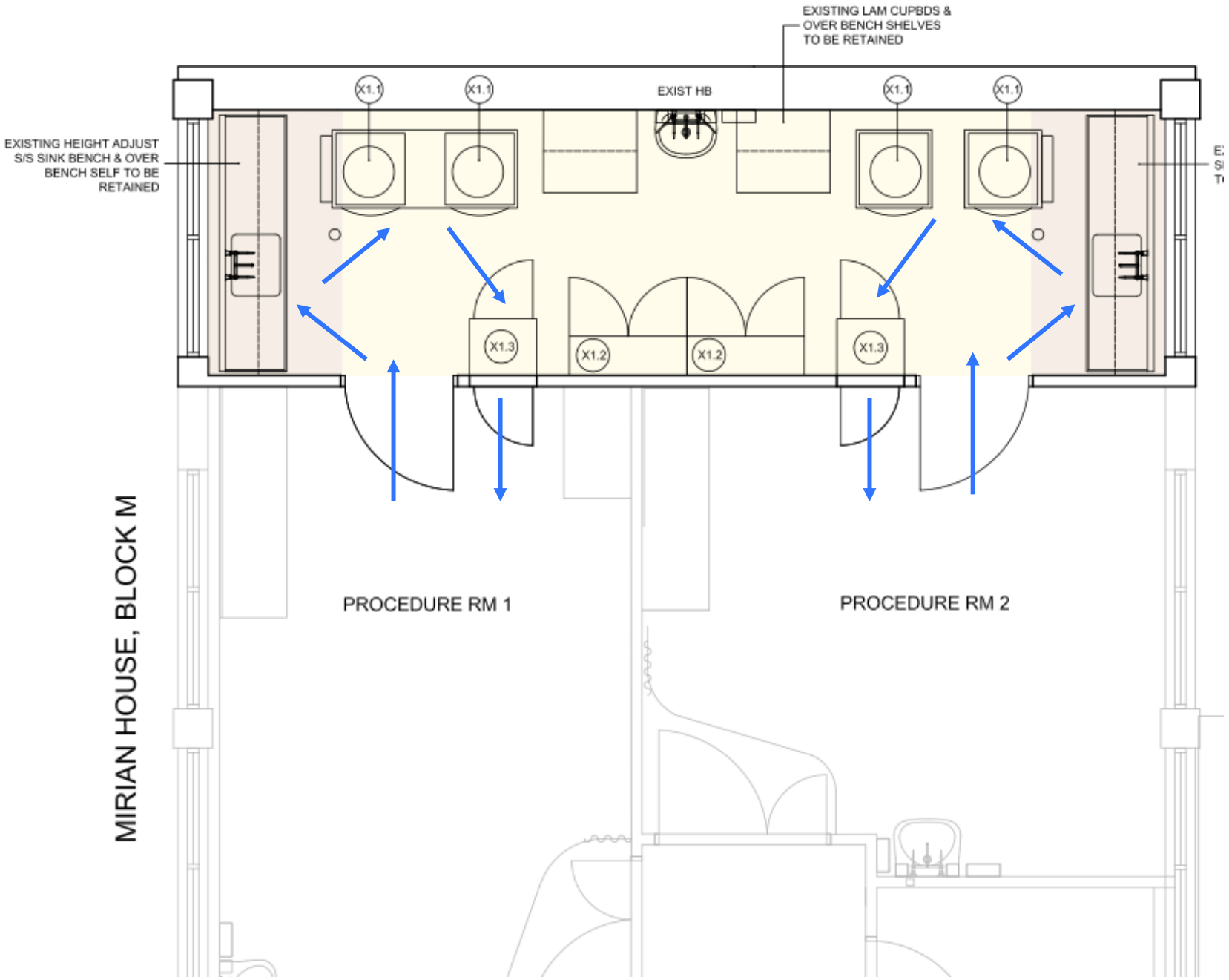
Considerations:

- Ceiling Height
- Services/Obstructions
- Access

EQUIPMENT TO BE QUOTED

Total Requirements

- 6x cabinets
- 1x Communication Kit
- 1x Smart Station
- Hose Kits?



Case Study: Pass Thru Cabinets

Locations for:

- Cabinets
- Smart Stations
- Data Requirements
- Power Requirements

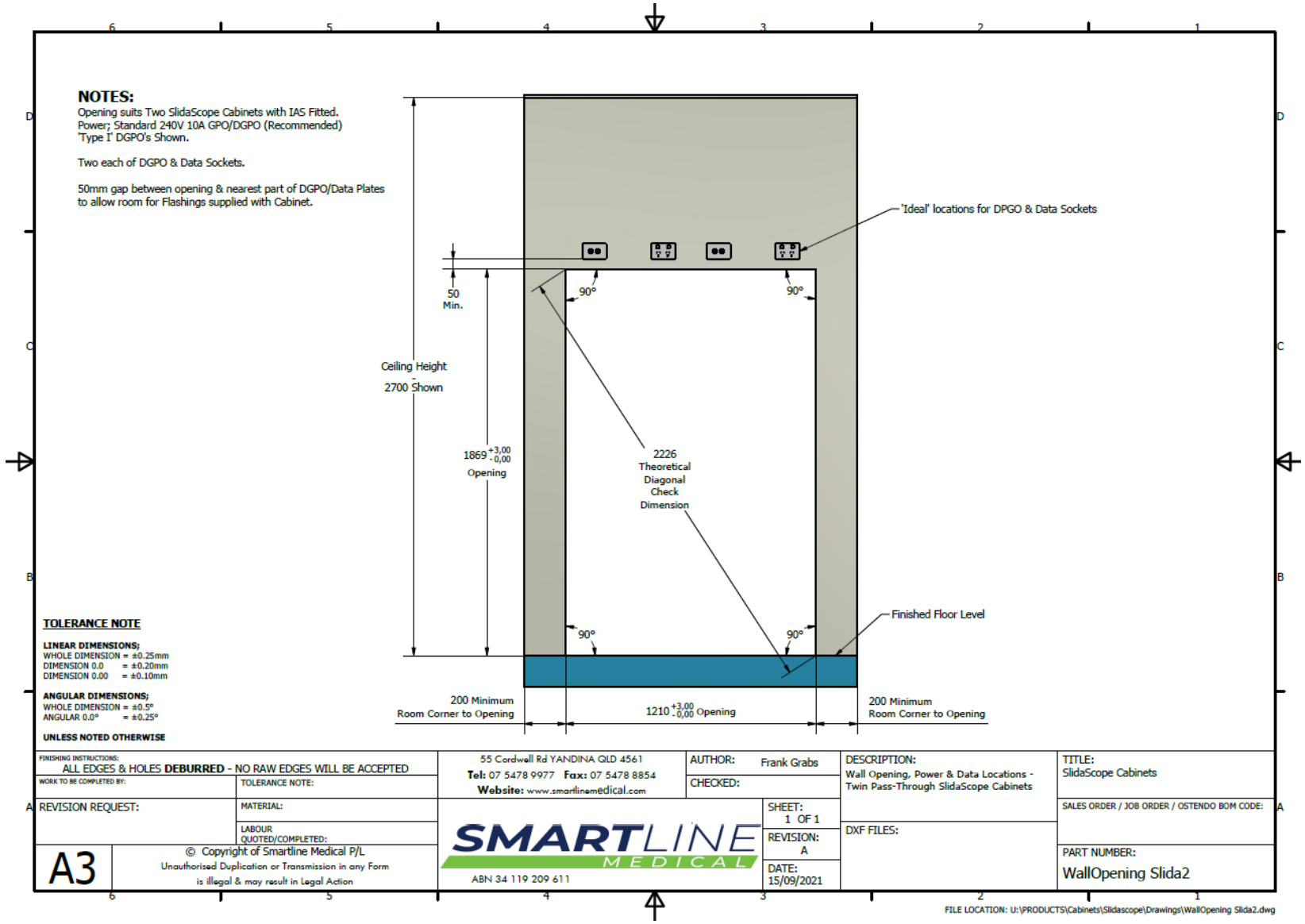
Considerations:

- Ceiling Height
- Services/Obstructions
- Access
- Wall Cut Out

EQUIPMENT TO BE QUOTED

Total Requirements

- 4x cabinets (2x Single Door, 2x Pass thru)
- 1x Communication Kit
- 3x Smart Stations
- Hose Kits?



Case Study: Pass Thru Cabinets

- **Data Requirements**
- **Power Requirements**
- **Wall Cut Out**

Hose Kits (Scope Connectors)

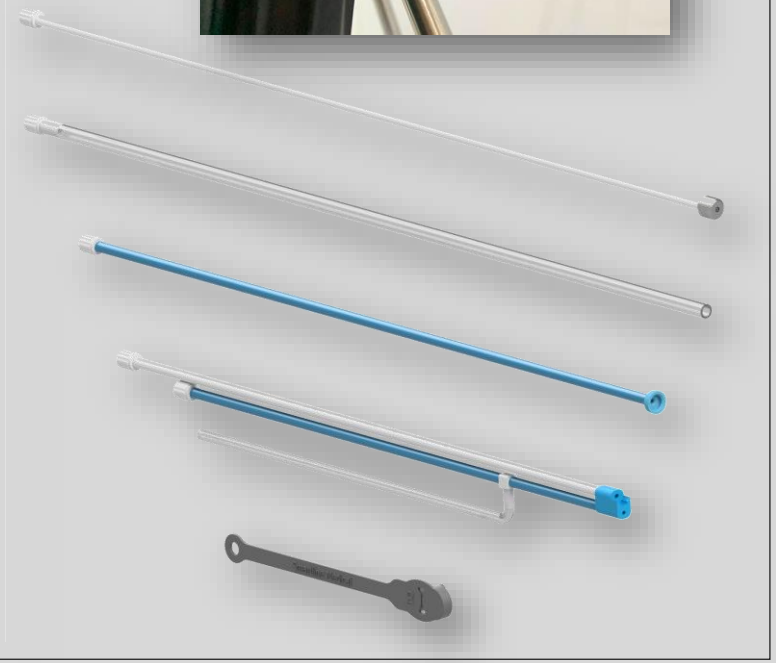
Hose kits are included FOC with each cabinet purchase for standard scopes.

- Endoscopes from different brands and of different types will have ports that are unique and require specific connectors

Some specialty scopes will require quoting (Not FOC)

- EUS/EBUS/Duodenoscope/etc

Please ensure you get a scope fleet list from your customer with scope models and quantities so this can be assessed early.



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