

What the eye cannot see.

CAVITRAQ inspects the inside of your endoscopes' working channels in real time — where standard reprocessing protocols fall short.

85%

of endoscopes show defects on first inspection

Ofstead et al., 2017

82%

of channels are scratched and 59% damaged

Thaker et al., 2018

-47%

on average repair cost

Ofstead et al., 2024

THE INSPECTION PROBE



Ø 2 mm · 250 cm · Flexible

Ultra-thin diameter to reach **every working channel**, including colonoscopes. Integrated white-LED micro-camera. Compatible with hospital protocols.

KEY FEATURES

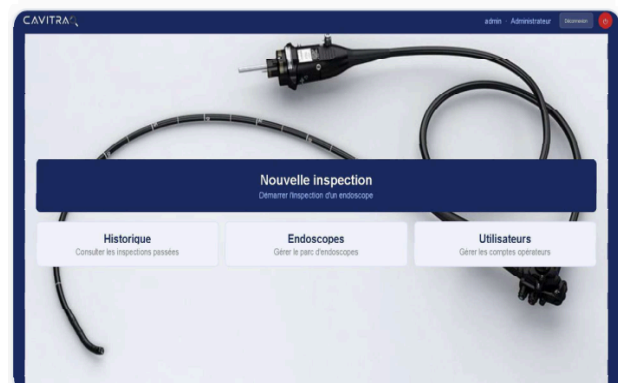
- **Real-time video inspection**
Live image on 19" touchscreen
- **Time-stamped annotation**
Debris, scratches, deformations, foreign bodies
- **Automatic PDF report**
Operator, department, model, serial no. — 1 click
- **100% local archiving — GDPR**
No cloud. On-site storage. USB export
- **Built-in service mode**
Dedicated technician workflow — unique on the market

THE CONTROL STATION



Display	19" medical touchscreen
Protection	IP65 · MRSA antibacterial
Standard	IEC 60601 · Fanless
PDF report	1 click — fully time-stamped

SOFTWARE INTERFACE



In 4 steps — from connection to report

1

Connect

The Ø 2 mm probe into the working channel

2

Fill in

Operator, department, model, serial no.

3

View & annotate

Anomalies in real time on the touchscreen

4

Generate PDF

Full traceability in under 5 min

SCIENTIFIC EVIDENCE

Ofstead et al.

Am J Infect Control, 2017

75% of endoscopes show defects on first inspection: foreign bodies, damage, fraying...

FLEET CONDITION DOCUMENTED

Thaker et al.

Gastrointest Endosc, 2018

82% of channels: debris and structural anomalies undetected, invisible during routine checks across 60 endoscopes.

A DEDICATED TOOL IS ESSENTIAL

Ofstead et al.

J Hosp Infect, 2024

-47% on repair costs : catching minor damage in time prevents costly, unplanned major repairs.

COST CONTROL

RETURN ON INVESTMENT

Estimated savings · per endoscope

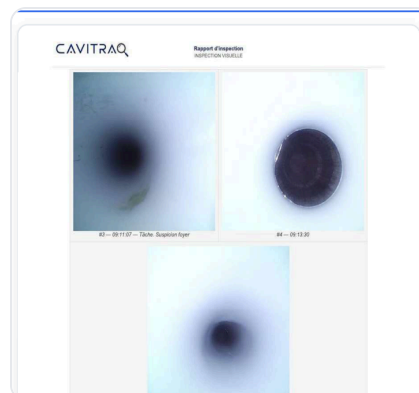
3–8 k€ Repair avoided — early channel-damage detection

5–15 k€ Extended endoscope lifespan (+1–2 years)

KEY DIFFERENTIATORS

- ✓ **Ø 2 mm probe** — access to every channel, even the narrowest
- ✓ **250 cm** — colonoscopes and long endoscopes covered
- ✓ **Built-in service mode** — unique on the market
- ✓ **100% local** — no cloud, full GDPR
- ✓ **1-click PDF report** — instant archiving and traceability

REAL CAPTURES — WORKING CHANNEL



Book a free demonstration

Our team comes to your endoscopy or sterilization department for a real-world demonstration on your own endoscopes.

contact@cavitraq.fr - www.cavitraq.fr

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