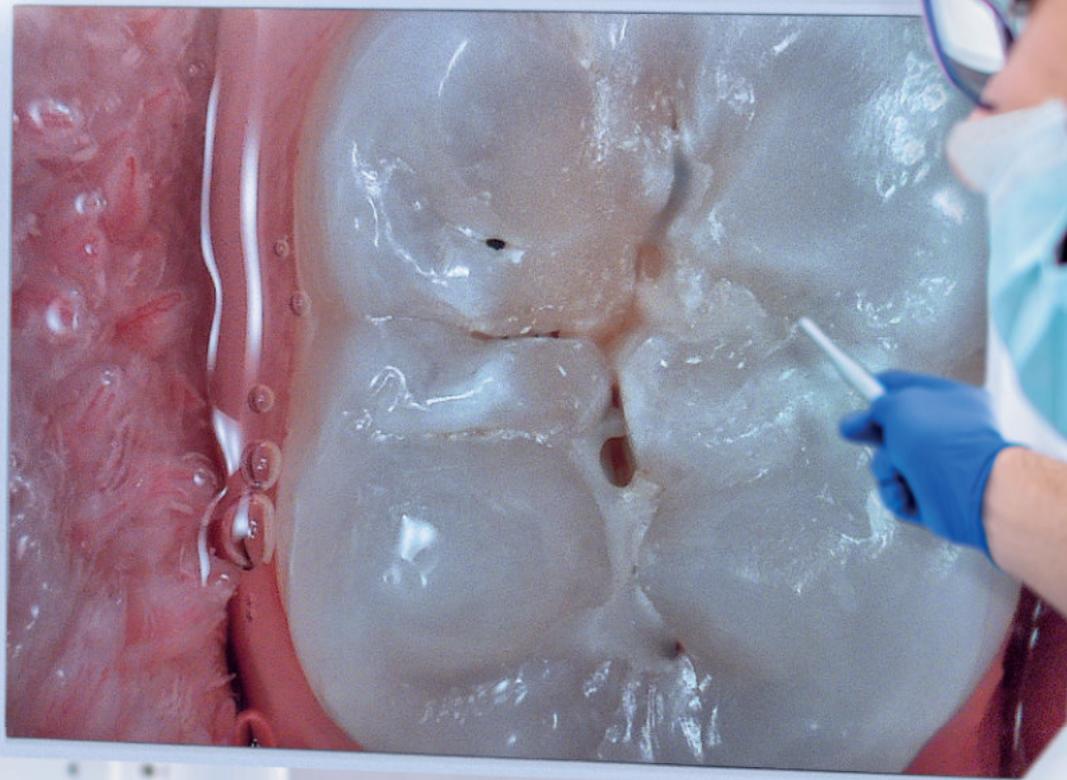


C50

FULL HD CAMERA



Your view.
Where others
can only imagine

ACTEON

Remarkable clinical vision



All you need to see at your fingertips

FULL HD

Clear and detailed images

- A more **confident** final diagnostic
- Increased case **acceptance**

VISION MODE

Transcript of natural colors

- **Straight forward** patient education
- Great for comparing teeth stain and **sharing it with patient**

AUTO FOCUS

Gain of time & better image clarity

- **Ease of use** for the clinician
- Improved **patient comfort**

Unprecedented vision with Daylight mode

- Improved interpretation of tooth shades with rendering of natural colors.
- An aid to controlling pathology and post-treatment, facilitating the follow-up process.



Exclusive macrovision performance

- Extreme visibility for ultra-precise diagnosis.



- **Easier** clinical evaluation
- **Enhanced communication** between clinician and patient

- **User-friendly** product for an improved procedure
- **Quick switch** : from one mode to another **in a second**

But also...

- Crystal clear vision with greater depth of field.
- A single camera for all modes: macro, intraoral, tooth, smile and portrait.



Improved patient follow-up

- More information about your patients: age, illnesses, diet, oral hygiene, etc.
- Lasting trust between you and your patients.



MACRO VISION

More visibility of fissures & caries

DEPTH OF FIELD

5 modes* available in ONE camera

*The 5 modes include macro, portrait, smile, tooth and intraoral

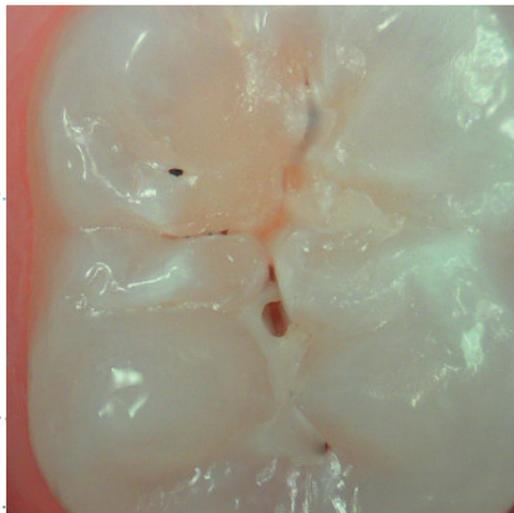
Remarkable
clinical
versatility



A versatile system
to access a large
panel of cases

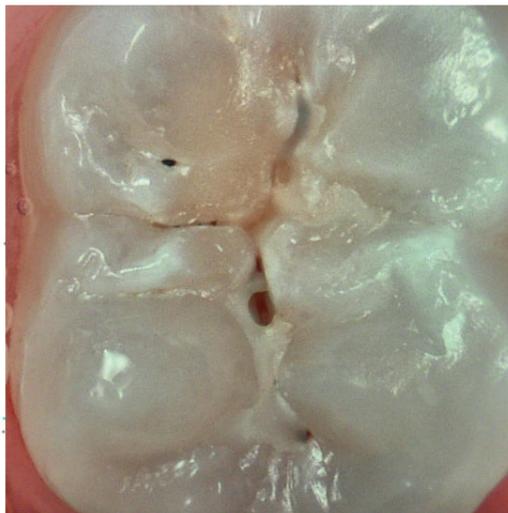
Vision modes for a detailed and more reliable diagnosis

DAYLIGHT MODE



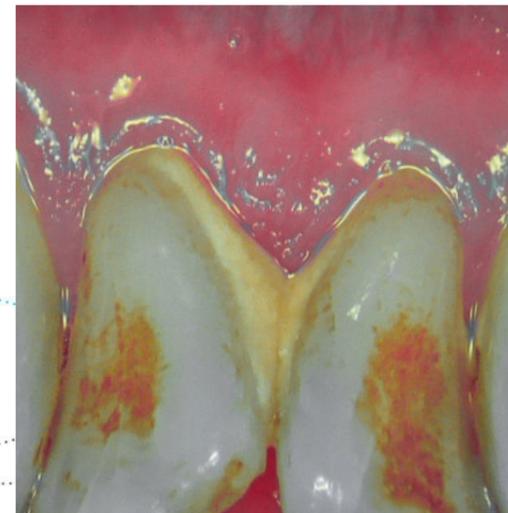
 Record of **natural colors** for a better interpretation of tooth shade, pathology identification and patient follow-up.

DAYLIGHT+ MODE



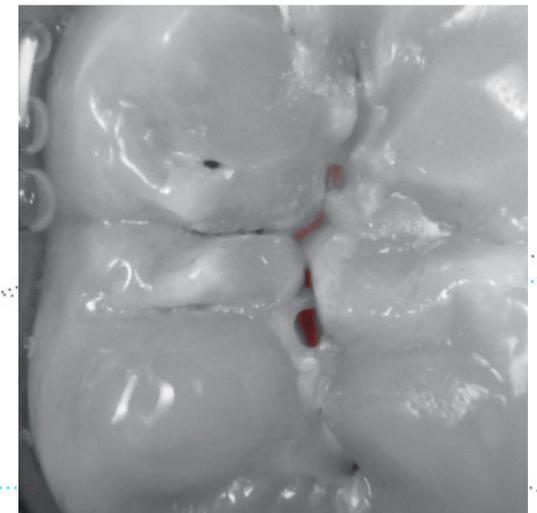
 **High contrasts** emphasizing anatomic fissures and details of the dentin structure/depth.

PERIO MODE



 Enhancement of **dental plaque and gingival inflammation** thanks to chromatic amplification.

CARIO MODE



 Caries **detection by fluorescence** technique by LEDs.

Camera modes for complete patient follow-up



INTRAORAL MODE
daily dentistry
follow-up

Daylight or Diagnostic aid modes help you visualize anatomical details that are invisible to the naked eye or with a mirror (thanks to its magnification).
These modes allow the dentist to show the difference between «before» and «after» care.



PORTRAIT MODE
orthodontics
follow-up

The portrait mode turns off the LED light to capture the patient's facial or lateral side, ensuring the best orthodontics follow-up.

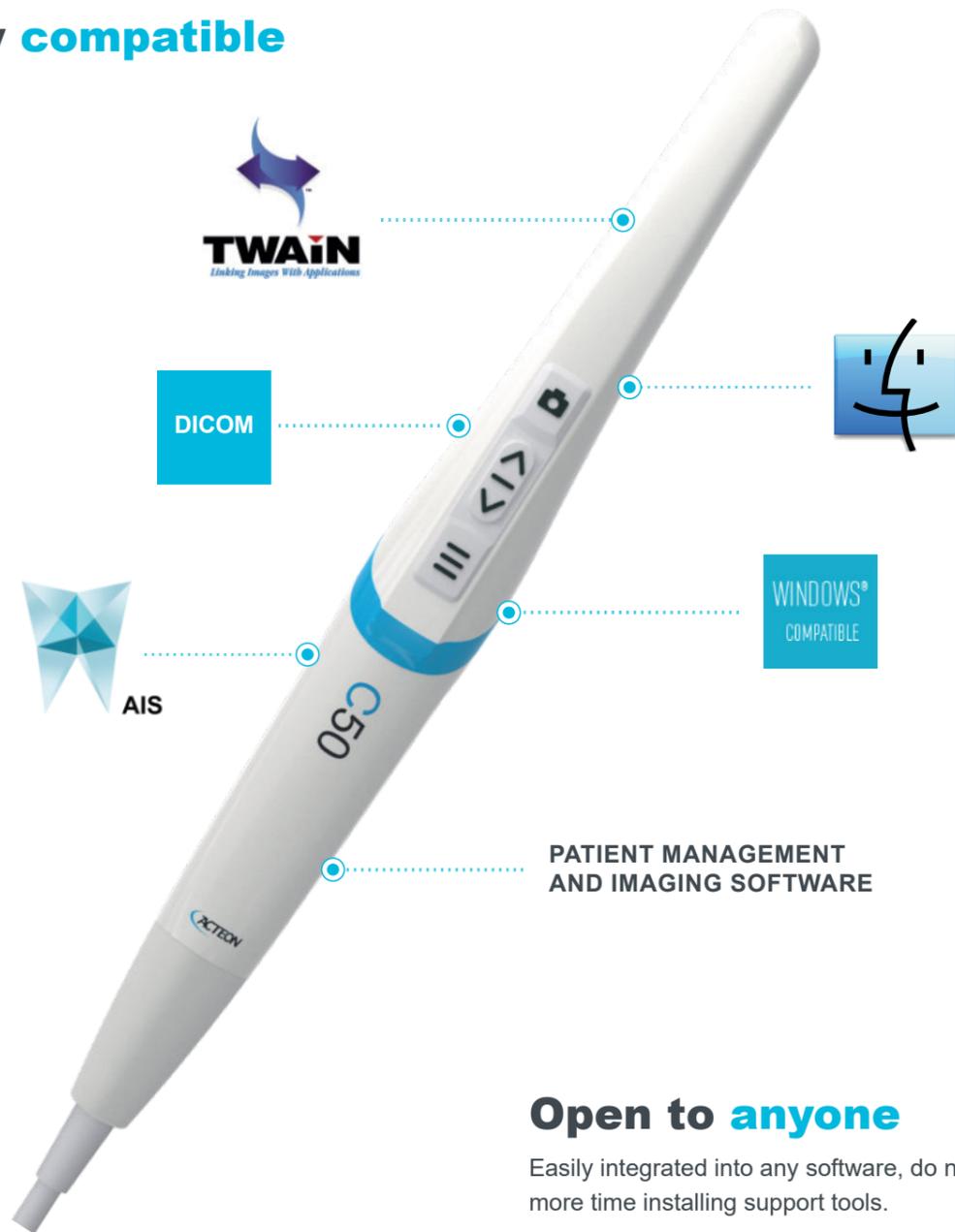


Remarkable
operationnal
freedom

Free yourself
from constraints

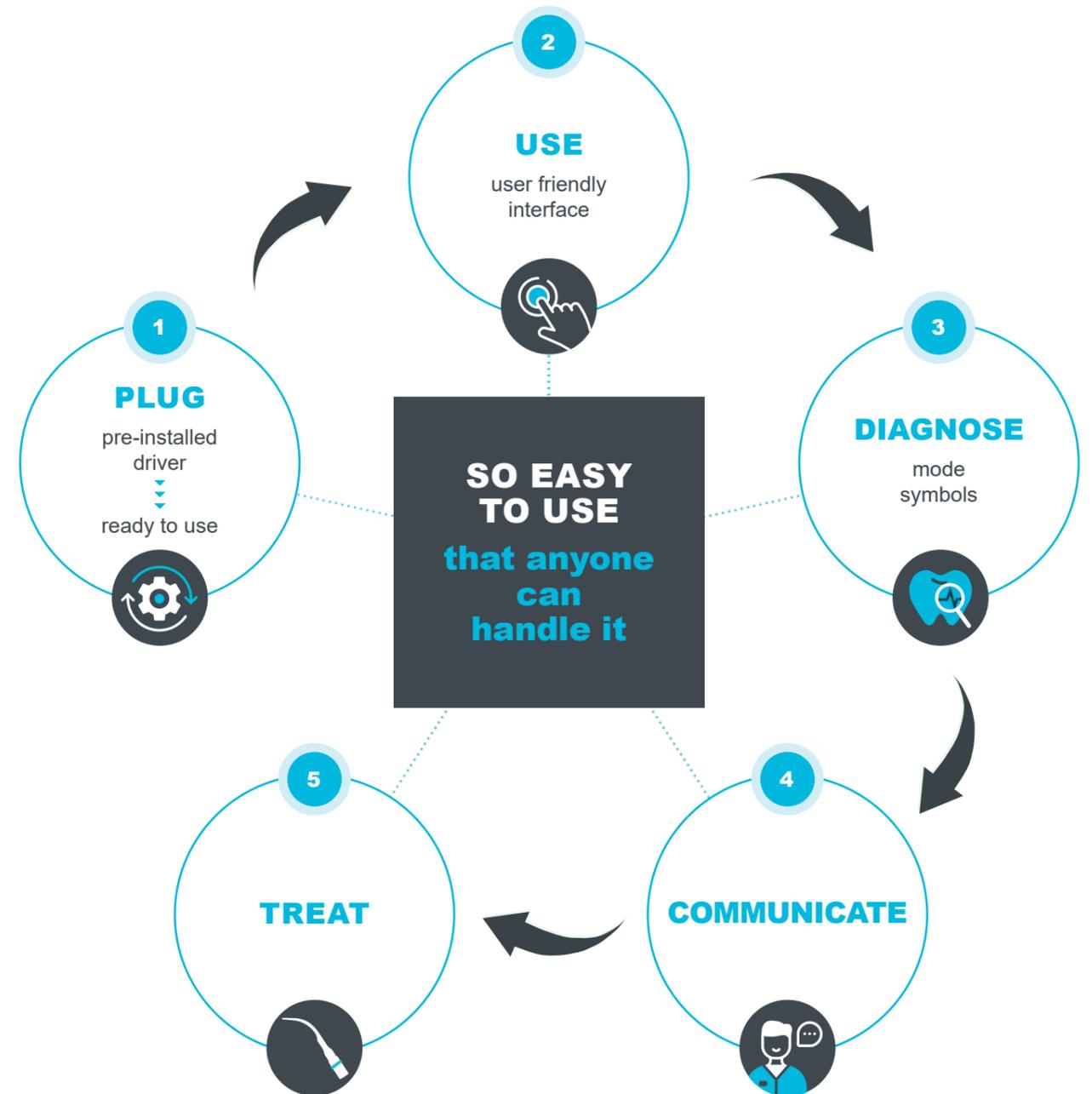


Fully compatible



Open to anyone

Easily integrated into any software, do not waste any more time installing support tools.



Beyond the details

Empowering you to focus on what matters the most: your patients

Patients become more involved as they quickly understand the importance of the suggested treatment.

**Increase
treatment
acceptance**

Highlight pathologies and explain clinical procedures easily. Facilitate dialogue to address objections and patient concerns.

**Improved
patient
communication**

Provide effective treatment planning by saving the images directly in the patient record. Easily compare images from previous patient visits and monitor progress.

**Confident
patient
relationship**



Workflows by ACTEON®



With you, every step of the way

We understand that with the number of patients you see every day, your practice requires that you stay on **top of productivity**. This is why ACTEON® accompanies you during **every step of your patients care pathway**: from assessment to diagnosis to treatment planning and execution.

"With ACTEON® imaging and surgical instruments, my diagnosis is fast, and the treatment delivery time is shorter than ever"

Dr Al-Qudah, Jordan
Dentist



"I'm not afraid of going to the dentist anymore. I can recover my oral health in just one painless visit"

Mahmoud
Patient of Dr Al-Qudah



caries detection workflow



About ACTEON®'s caries detection workflow

With ACTEON®'s caries detection product portfolio, you can implement an efficient caries detection and treatment workflow. It also helps you communicate more successfully with your patients and increase confidence.

prophylaxis workflow



About ACTEON®'s prophylaxis workflow

This combination of solutions helps dentists easily and quickly diagnose potential dental disease such as periodontal disease and gingivitis. It also helps to perform safe and minimally invasive procedures, providing best care and comfort for patients.

Camera Specifications

| | |
|--|---|
| Sensor | CMOS |
| Resolution | 1920 x 1080px |
| Sensitivity | 2 lux |
| Frame per second (FPS) | 25 – 30 |
| Aspect ratio | 16/9 |
| Lighting | 6 white LEDs and 2 blue LEDs |
| Focus adjustment | Automatic focus or Single focus |
| 4 Visions mode | DAYLIGHT mode If option enabled: DAYLIGHT+ mode, PERIO mode and CARIO mode |
| Depth of field | From portrait to macro |
| Image capture | Capture button or footswitch (optional) |
| Angle of view | 75° |
| Cable length | 3m |
| USB output | 3.0 |
| Consumption | 4.5W max |
| Handpiece dimensions | L: 200; W: 30; H: 24mm |
| Handpiece weight | 100g |
| International Protection Marking (IP) | Dust & waterproofness protection IP53 |

Computer Configuration Requirements

| Computer requirements | Specs |
|-------------------------|---|
| CPU | Intel Core i5 4 core 2GHz Gen 8 or greater |
| RAM | 8GB |
| USB version | 3.0 or greater |
| USB chipset | Intel or Renesas |
| Operating system | from Windows 10 PRO 64 bits or macOS Catalina |

Class I medical device for dental care. CE. For professional dental use only.
This medical device is not refunded by health insurance organizations. Read carefully the instructions before use.
Manufacturer: Sopro® ACTEON® Group (France)
Creation date: November 2022



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