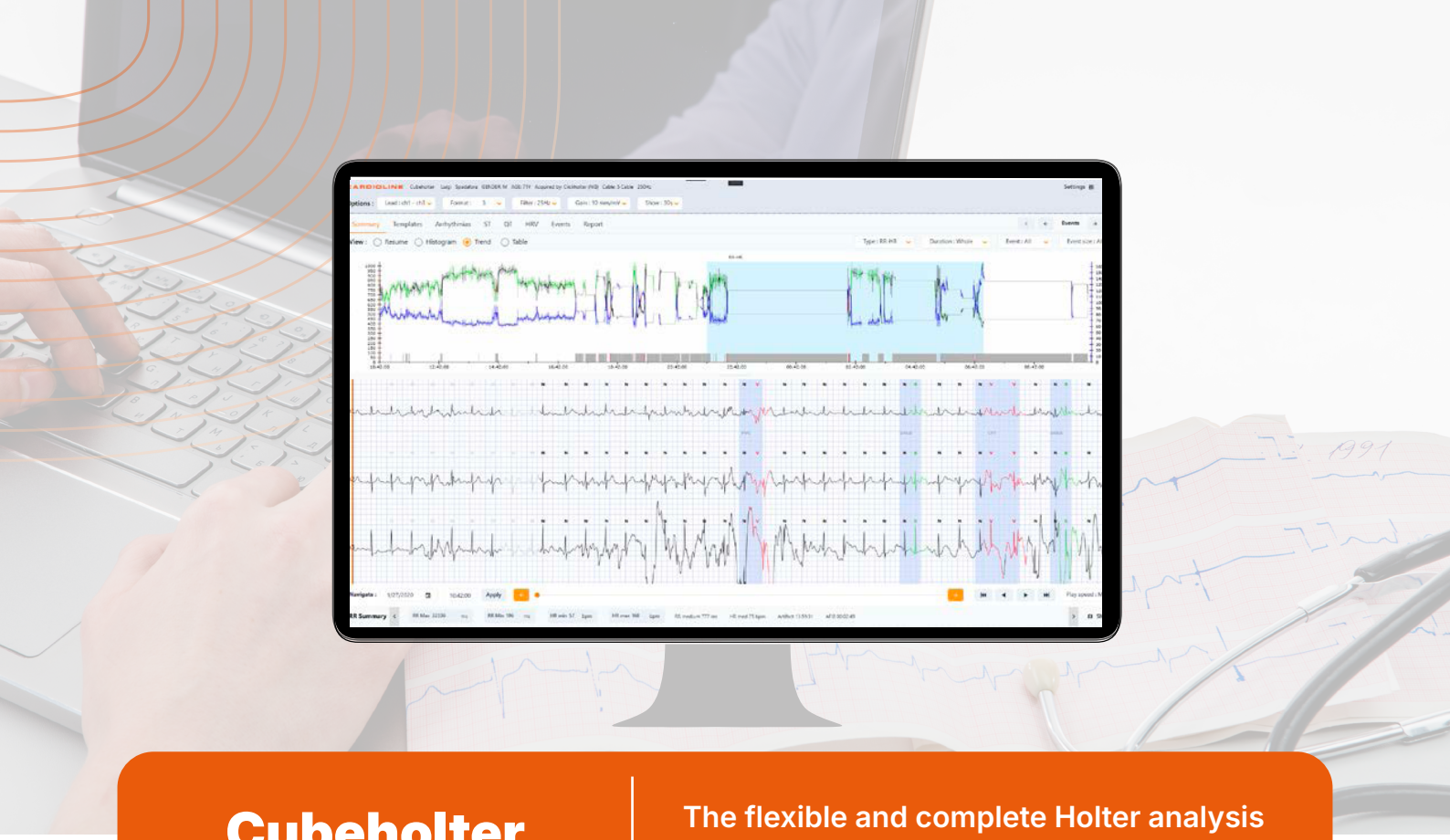

Cubeholter

The flexible and complete Holter analysis platform

Cubeholter is an advanced platform for multi-day Holter ECG analysis, compatible with the analysis of 12 Lead recordings.

Available in Workstation or Web versions, it guarantees high performance, customisable reports, and user-friendly review tools - comprehensive and flexible to adapt to your workflow.

COMPLETE DETECTION OF ARRHYTHMIAS

Cubeholter automatically detects over 30 types of arrhythmias, from the most common to the most complex. Results are displayed by family, histogram, trend and in tabular format for instant, comprehensive reading.

ADVANCED AND CUSTOMISABLE DIAGNOSTIC ANALYSIS

Proprietary algorithms for heartbeat detection including atrial fibrillation and the removal of unwanted background noise. Automatic analysis with customisable parameters for enhanced accuracy.

SIMPLIFIED REVIEW, CUSTOMISED REPORT

Simplified navigation and tools guide the clinician through the reporting process; tabular summary, filters, waveform templates and full disclosure supported by a glossary of pre-defined comments all inserted within a customisable report make Cubeholter software ideal for working quickly and accurately in a tailored manner.

Cubeholter

Two modes of use for customised workflows

Stand-alone mode with Cubeholter

A local, centralised solution, ideal for medical practices, outpatient cardiology clinics or departments where the entire process– from preparation to reporting – takes place in the same location.

The device is prepared using Cubeholter software on the local workstation, attached to the patient for monitoring and then returned for download and analysis. The entire process is carried out via USB in a simple and secure manner.

Cardioline Holter recorders integrate with Cubeholter software for a completely local workflow. The device is configured, downloaded and reported on the same workstation.

Web mode with Device Web Manager + ECGWebApp Holter

This option is designed to work on a networked platform accessible via a browser, designed for facilities that require unlimited flexibility and scale. The recorder is prepared anywhere using Device Web Manager, while analysis and reporting take place remotely on ECGWebApp Holter.

This solution is ideal for hospitals, clinics or telehealthcare scenarios. it allows you to separate procedural workflow , optimising scale, time and resources.

The recorder can be configured and downloaded from a PC using Device Web Manager.

ECGWebApp Holter

ECGWebApp Holter allows analysis, reporting and storage of Holter recordingsdirectly via a Web browser.

Technical specifications

Registration	
Features	Prepare the recorder with the patient's data, import and delete the recording.
Archive	1,000 tests with the local Cubeholter database; unlimited tests with Cubeholter Web
Display mode	From 1 to 12 leads, 250, 500 or 1000 samples/second, duration 24 hours, 48 hours or 7 days
Automatic analysis	
Analysis pages	Summary (Summary, Histogram, Trend and Table), Families, Arrhythmias, ST, QT (Bazett, Fredericia, Hodges), HRV
Heartbeat classification	Normal, ventricular, supraventricular, paced, artefact
Detected arrhythmias	Detects over 30 types of arrhythmias, including atrial fibrillation, bradycardia, tachy-cardia, ventricular and supraventricular events, and pauses.
Special algorithms	Noise and artefact rejection, atrial fibrillation detection and template family classifica-tion
Customisable report	Pre-configured automated report (extended or single-page format) Trends: RR / HR, Events, ST, QT, HRV. Tables: RR / HR, Events, ST, QT ECG: Max RR / Min RR, Event Strips, Families, ST Analysis, QT, HRV
Connectivity	
Worklist	Cubeholter Web receives worklists from HIS in multiple formats (DICOM, HL7, GDT), while Cubeholter WS only supports GDT.

Minimum hardware requirements for workstations

Operating system: Windows 7 or later versions, 32 or 64 bit **Processor**: Intel core i5 or later versions **RAM**: Minimum 8GB **Free space on hard drive**: At least 2 GB for the programme plus space for the archive **Screen**: 16:10 @ 1600×1050, 22" or more **USB**: Minimum 1 USB port **Printer**: Laser B/W or colour **Safety standard**: IEC 60950-1