

Rotoclear C Basic



Basic insights in 4K

Keep an eye on your machining processes.



The Rotoclear C Basic is a robust and simple camera system that allows you to observe your machining processes in real time and at high resolution on an HDMI monitor.

→ Clear insights for continuous improvement

The extremely compact and robust camera head enables flexible placement inside the machine and can deliver revolutionary 4K image information to you for the continuous optimization of your machining processes.

By replacing the Rotoclear C Basic's HDMI box with the Rotoclear C2's control unit, you can also easily upgrade the Basic system to the future-proof full version of the Rotoclear C2 at any time.

What is the RotoClear C Basic?



The features



Always a clear view

The high-speed spinning window in front of the camera lens always ensures a clear view of all machining processes, even in the presence of coolant and flying chips.



High-resolution images in real time

The camera head provides a resolution of up to 4K with 60 frames per second. The system automatically adjusts to the best possible monitor resolution and always delivers razor-sharp images.



Extremely compact camera head

The camera head of the Rotoclear C Basic impresses with its small size. This not only allows the camera heads to be installed in many more places inside the machine, it's compact design also results in significantly fewer chip nests.



High performance lighting

For perfect lighting conditions, we have installed premium Waldmann lighting in our camera heads specially developed for this application.



Flexible installation options

Wherever you want to place your cameras: With numerous options for quick and easy installation in or in front of the wall or ceiling, we offer all the options for an individually optimized camera setup.



Swipe-Zoom

Enlarge a section of a picture? It's easy, by swiping directly on the screen. This allows users to intuitively and quickly observe and analyse machining details intuitively and quickly.



Alignment sensor for mobile installation

Currently, only the Rotoclear C2 and the Rotoclear C Basic offer you images directly from the perspective of the cutting tool. To enable this revolutionary perspective, we installed an alignment sensor. It detects the movement of the camera head and compensates for it.

Your entry into the camera world of Rotoclear

Das The C Basic is our low-cost entry into professional camera monitoring of your machining processes. The system also gives you the option of upgrading to the full version of the Rotoclear C2 at any time, expanding the range of the camera system's features.

All you have to do is replace the HDMI Box of Rotoclear C Basic with the control unit of Rotoclear C2. The camera head, holder, sealing air supply and data cable can still be used.

Features	Rotoclear C Basic	Rotoclear C2
Perspectives	One perspective	Up to two perspectives
Connection options	HDMI	HDMI, USB, Ethernet, TCP/IP, RTSP
Rotating window for a clear view	✓	✓
Top, Side or Tool View	✓	✓
4K resolution	✓	✓
Streaming	✓	✓
High performance lighting	✓	✓
Alignment sensor	✓	✓
Zoom	✓	✓
Intuitive user interface		✓
Photo & video recording		✓
Media gallery		✓
Share recordings		✓
Remote insights		✓
Network capability		✓
Software updates		✓
API interface		✓

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