



FROM PELLET TO PART
YOUR PARTNER
FOR PRODUCTIVITY
AND SUSTAINABILITY



CLEAN CARE

SOLUTION FOR COOLING CHANNEL MAINTENANCE

CleanCare is the result of decades of experience in industry and trade, reliable and easy-to-use device for **automated cleaning of water-bearing systems**. CleanCare removes rust, limescale and other deposits from water systems. The cleaning medium is powered by compressed air only.

Benefit from a huge increase in performance, comprehensive cost reduction and first-class service.



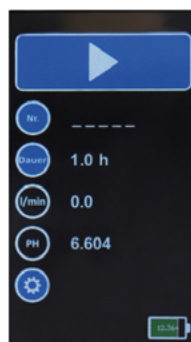
Benefits:

- **COMPREHENSIVE CLEANING**
Rust, lime and other deposits are removed from your water-bearing systems, tools and machines.
- **QUALITY AND PERFORMANCE IMPROVEMENT**
After cleaning, you will notice a significant difference in the quality, efficiency and performance of your systems.
- **WEAR AND TEAR AND REPAIR MINIMIZATION**
Reduced wear on your machines, less maintenance, minimized production downtime and lower repair costs.
- **ENERGY COST SAVINGS**
You will achieve a significantly lower energy resource consumption with the CleanCare.
- **SIMPLIFIED OPERATIONS**
Reduced number of control elements for even more intuitive handling.
- **2-STAGE FILTRATION**
Designed to optimize filtration efficiency and effectively capture particulate residues through sequential filtration stages.



Fields of application:

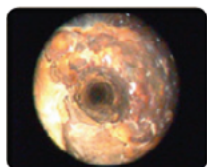
- INJECTION MOULDING MACHINES
- INJECTION MOULDING TOOLS
- TEMPERATURE CONTROL UNITS
- COOLING CIRCUITS



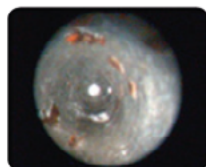
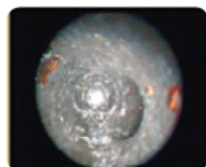
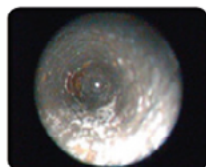
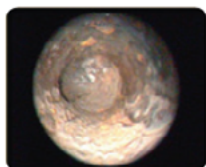
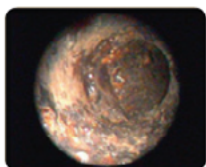
MICROCONTROLLING UNIT
FOR AUTOMATIC RINSING

TOUCHSCREEN DISPLAY
SHOWING OPERATION
VALUES OF THE CLEAN CARE
OPTISYSTEMS 4800 / 7000

VERIFIED IMPROVEMENTS IN THE LEVEL OF EFFICIENCY



Before



After

5 hour operating time



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BASIC FEATURES

- single rinse of operating cycles
- leakage test of operating cycles
- single operation with compressed air
- low-maintenance and robust membrane pump
- large smooth-running wheels
- large tanks for rinsing / preserving
- extendable hose for flow and return (2x5m)

TECHNOLOGY FEATURES

- USB port for saving the cleaning protocol
- simple to perform software updates
- backlit colour touch display
- direct pH measurement of the rinse water cycle
- direct flow measurement of the rinse water cycle
- display of process data on the touch display
- saves relevant protocol data on a USB stick
- integrated rechargeable batteries for
- mains-independent operation

SIZE AND WEIGHT

Size: **528** (width) x **1190** (height) x **790** (depth) mm
Weight: approx. **67** kg (empty)

PERFORMANCE CHARACTERISTICS

- max. flow rate: 28 l / min (M7000S with 80l/min)
- feed pressure: 6-8 bar
- max. drive pressure: 8 bar (M7000 and M7000S, can be upgraded to 10 bar)
- cleaning tank capacity: approx. 115 l
- preservation tank capacity: approx. 18 l
- filter mesh size: 60 - 350 µm

ELECTRICAL CONNECTION

- power supply: 230V/ 50Hz
- power consumption: max. 50 VA

CleanCare	Basic features	Automation	pH-measurement	Flux measurement	Separate preservation tank
CCA-M4500	✓				
CCA-M4800	✓	✓	✓	✓	
CCA-M6000	✓				✓
CCA-M7000	✓	✓	✓	✓	✓
CCA-M7000S	✓	✓	✓	✓	✓

AVAILABLE CHEMICALS

REF	Description	REF	Description
CCA-P0010	High performance descaler 15 l container	CCA-P0030	complexing agent and corrosion protection
CCA-P0010-BIO	High performance descaler - BIO 15 l container	CCA-P0030-BF	complexing agent and corrosion protection - boron free
CCA-P0020	Neutralisator	CCA-P0050	cleaning agent removes oil contamination