

# BELKI Check System



Central system w/BCS

## Area of use

The BELKI Check System (BCS) is used on centralized or regional coolant systems where process management is important. The BCS is designed for continuous monitoring, adjusting and recording of the fluid properties. There are two system options, the local on-site system or the remote monitoring system.

## Operation

The BCS automatically maintains the preset concentration level. The system stores any desired value and can provide alarm. The stored data enables the operator to evaluate fluid and operation parameters. With the BCS-system it is possible to measure and record: Water consumption, pH-value, conductivity, temperature and pressure. With the remote version it is possible to get prioritized sms/e-mail alarms for all relevant situations.

## Advantages

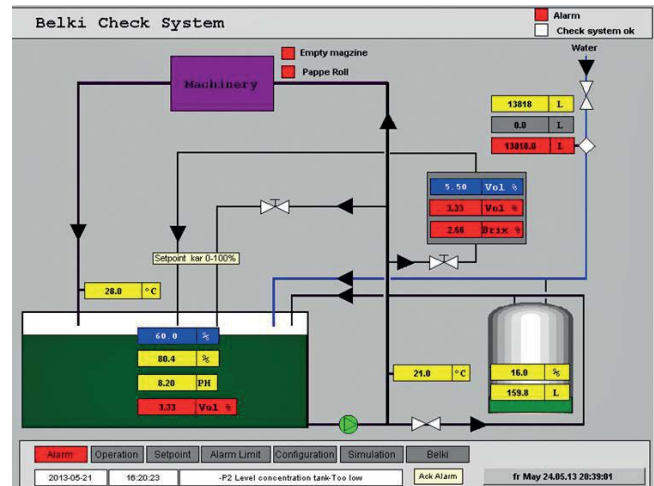
- Maintain optimal concentration, saving time for manual refilling and control
- Less consumption of emulsion and thus a good economic benefit
- Correct concentration optimizes the quality of output and reduces wear on cutting tools
- Improved working environment
- Remote monitoring provides safety and ensures process stability

## Technical Specifications

### BCS on-site system



### BCS remote monitoring system



The BCS on-site systems have been installed for several years as standard for BELKI's centralized systems.

The remote monitoring BCS is a web based solution that takes coolant management to the next level. It provides the option of complete management of the system from a laptop from anywhere. With a personal log-in key it is possible to give access to maintenance/service providers.

Standard version			On-site system	On-site system	Remote monitoring
	Type:	Alarm	BCS 2.0	BCS 3.0	R-BCS 4.0
Concentration (Vol. %)	%	x	x	x	x
pH-value	pH	x	x	x	x
Temperature	C°	x	x	x	x
Water consumption	l	x	x	x	x
Conductivity	µS	x		x	x
Supply pressure	bar	x		x	x
Overflow control		x		x	x
Level in oil drum	l	x		x	x
End of paper roll		x		x	x
Rotation monitoring		x		x	x
Optional 1 -?		x		x	x
Electrical signal alarms				x	
Sms and e-mail alarms					x

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