

FEATURES	BENEFITS
<ul style="list-style-type: none"> • Open and edit QC tests via network • No measurement hardware required • Runs on any PC • Only requires USB license dongle 	<ul style="list-style-type: none"> • Modify the limits and setups from anywhere (within or outside the company) • Check the current settings • Supervise production • Eases communication between manufacturer and customer • Configure graphical appearance (window arrangement)

The QC Remote Configuration allows modifying any QC Test without the need of having the analyzer hardware connected.

Both, the testing limits and the measurement setup may be modified. It eases the correction of limits due to (temporary) changes of the production. These changes can easily be authorized by the customer when sharing the modified data files (databases).

It is also possible to modify the graphical appearance of the QC desktop for the Operator and for the QC-Engineer.

The diagram illustrates the remote configuration process. At the top, a laptop labeled 'Remote Setup' is connected via a bidirectional 'Network' arrow to a cluster of three computer monitors. Each monitor displays a 'PASS' status and a waveform graph, and is labeled 'QC System'. These monitors are connected to a row of hardware units labeled 'QC System' and 'KUPPEL', which are identified as 'Production Lines'.

Article Number:	4000-210
-----------------	----------

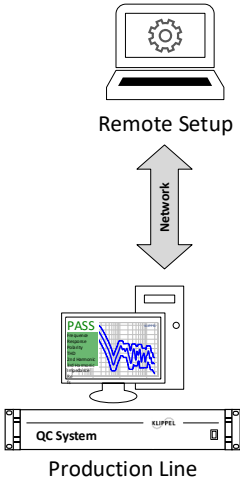
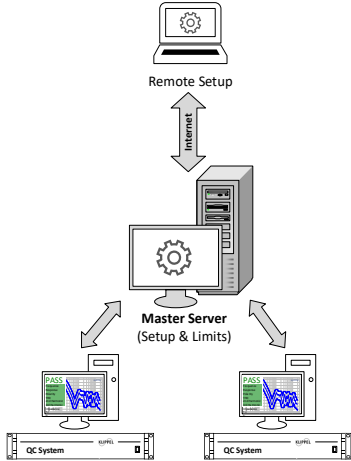
CONTENT:

1	Description	2
2	Applications.....	2

1 Description

<p>Requirements</p>	<p>The following components are required:</p> <ul style="list-style-type: none"> • Any Klippel-QC version (Programmable, Standard, Basic) • QC software version 2.0 and higher • PC with Windows 7 or higher • KLIPPEL USB license dongle • USB port
<p>Components</p>	<p>The following components are part of the QC Remote Configuration:</p> <ul style="list-style-type: none"> • QC software setup • Software license • License dongle (existing dongles may be used)

2 Applications

<p>Remote Configuration with Single QC System</p>	<p>Accessing the QC Test database from a remote PC while it is used in production is not recommended and can cause unexpected data loss.</p> <p>Using the QC Remote Configuration in combination with Master Tests¹ allows safe modification of a copy of the test while end-of-line testing is in progress. To apply changes, the operator only needs to log out from Klippel QC, and log on again.</p> <p>Although the Master Test functions are primarily dedicated to multiple line synchronization, they should be also applied to the remote configuration of one single QC-System.</p> <p>In this case, Master Tests should be stored on the local PC.</p>	 <p>The diagram illustrates a remote configuration setup for a single QC system. At the top, a laptop icon labeled 'Remote Setup' is connected via a double-headed arrow labeled 'Network' to a single 'QC System' unit. The QC System unit is shown with a monitor displaying a 'PASS' test result and a 'KLIPPEL' license dongle. Below the QC System unit is the label 'Production Line'.</p>
<p>Remote Configuration with Multiple QC Systems (Using Master Tests)</p>	<p>A very useful combination is using the Remote Configuration tool with the Master Test¹ functions of the QC system for multiple lines:</p> <ul style="list-style-type: none"> • Modify the Master Test offline, while the production is running from any remote computer. • Just instruct the operator on the production line to log out and log in again. This forces to update the current test setup with the remotely set modifications automatically. 	 <p>The diagram illustrates a remote configuration setup for multiple QC systems. At the top, a laptop icon labeled 'Remote Setup' is connected via a double-headed arrow labeled 'Internet' to a 'Master Server (Setup & Limits)'. The Master Server is represented by a server rack and a monitor. Below the Master Server, two 'QC System' units are shown, each with a monitor displaying a 'PASS' test result and a 'KLIPPEL' license dongle. Arrows point from the Master Server to each QC System unit, indicating management and synchronization.</p>

¹ The Master Test functions of the QC system are free of charge and included in all QC versions.

Find explanations for symbols at:

<http://www.klippel.de/know-how/literature.html>

Last updated: September 20, 2019

