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JAG News

New **JAG BDS-7** operating terminal for process monitoring and control close to production

The JAG PdICS product family is being constantly extended and developed. With the JAG BDS-7 a powerful touch panel PC with a 7 inch screen is now available as a compact alternative to the 15 inch touch panel PCs JAG BDS-15 or as a successor product to the JAG BDS-5 operating stations with function keys.



The JAG BDS-7 operating terminal combines wide functionality and the latest technology in a compact design:

- Mounting frame in V4A steel, chamfered on all sides
- FDA-compliant seals, protection category IP65
- Powerful Intel Atom Dual Core Processor
- Fanless design and low power consumption
- Windows 7 Embedded operating system
- Many interfaces: 2x Ethernet, USB, 2x RS 232, HDMI, VGA



These features make BDS-7 Touch-Panel-PCs ideal for use as a decentralised operating system for challenging monitoring and control tasks in the pharmaceutical, chemical, biotech, cosmetics and paint industries.

BDS-5 Software Emulator

A BDS-5 Software Emulator is now also available. With this emulator, existing user dialogues can still be used after they were written originally for operating stations with a membrane keypad. This enables older operating terminals to be replaced with low migration and training effort. Control is effected entirely via the touch screen and the keys appear on the TFT display as buttons:

The screenshot displays a process control interface on a blue background. At the top left, it says "ANLAGENBILD" and at the top right, the date and time "21.11.2013 14:14". The main diagram shows a flow process with several components:

- "ZULAUF" (Inlet) with a flow rate of "81 %".
- "ABLUFT" (Outlet) at the top left.
- A central "BECKEN" (Tank) with a "7.0 PH" reading.
- A "NAOH" tank with a "60 %" reading.
- A flow rate of "12500 L/H" and "1473 L" is shown at the top.
- An "ABLAUF" (Outlet) at the bottom right with a "4.2 PH" reading.
- A "Y" label is also present near the outlet.

 Below the diagram, an "ALARM" section indicates:

- ZUSTAND: NEUTRALISIEREN NACH ABLAUF
- F1=EIN/AUS F2=HORN F3=QUIT.AL F10=MENUE

 At the bottom of the screen, there are function keys labeled F1 through F10. To the right of the main display is a virtual keypad with a "Setup" header, alphanumeric keys (Aa, bc1 a, del, ., stu 7, vwx 8, yz_ 9, +, jkl 4, mno 5, pqr 6, -, abc 1, def 2, ghi 3, CR, 0, -), directional arrows, a "cancel" button, and a "START STOP YES NO" row at the very bottom.

We enclose the BDS-7 flyer and will be happy to provide further information – on request also at your own site.

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