

# MODULAR ROCKWELL SYSTEM CV-6500™

*Especially designed for "On-Line" testing of large quantities during components production*

- High quality hardness testing module especially designed to test large quantities of components during production
- The test head can easily be integrated in the production process due to its new design and slim build
- The system consists of a test head and a separate read out unit that can be installed in a switchboard cabinet
- Available in Rockwell-HRC, Brinell (up to 187.5kg) and Vickers. For the Brinell and Vickers versions a modified test procedure is applied measuring the indentation depth as the optical measuring method is not suitable for quick, automatic testing
- High accuracy plus quick testing guaranteed as the test load is checked and adapted during the entire load cycle
- The test cycle of 30 seconds starts automatically when the sample is ready positioned. Once the test cycle is finished, the system indicates that the sample can be withdrawn
- The test result is valued according to the indicated parameters
- The hardness value can be transferred through RS-232 or TCP/LAN



## Technical specifications

|                      |  |
|----------------------|--|
| Hardness parameter   | Rockwell C, other scales available on request    |
| Test load (Rockwell) | 10kp Preload, 150kp total load                   |
| Hardness Resolution  | 0.1 HRC unit                                     |
| Stroke               | 15mm   |
| Test cycle duration  | Approx. 30 Seconds                               |
| Power supply         | 85 - 264V / AC                                   |
| Dimensions           | 88mm x 88mm x 750mm + connection box on the side |
| Mounting options     | Tapped holes on the back                         |
| Control unit         | 19"-housing, 3HE                                 |
| Connection to SPS    | Switches   |
| Data output          | RS232  |
| Display              | Graphic LCD                                      |

**Further information available on request**