

**BEVERAGE REMOTE CONTROL mod. CM00**
**OPERATIVE SPECIFICATIONS**

<b>Application:</b>	Monitoring, Control, Data Acquisition (UR24 and UR19) and Remote Administration from a laboratory of Beverage Analysis unit(s) (IB05, IB07, IB08, BA06, UR29/71 and UC09) and "QC20" Controller Unit(s) in the production of carbonated regular or diet soft drinks, non-carbonated beverages and mineral water in process lines.
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**GENERAL SPECIFICATIONS**

<b>Supplies</b>	<b>Electrical:</b> AC 115/230V $\pm 10\%$ , 50..60Hz, 600VA Power inlet via cable with PA80 D-connector socket (EN 60320) and SP7748 (CEE-7) 10A/250V plug for EC versions, or P620 15A/125V plug for US versions.
<b>Interfaces</b>	<b>Serial:</b> RS232+RS422/485 for data acquisition; connection by means of 9 Poles D-sub connectors. Facility to interface up to 8 Bx / CO2 Analysis Units using a "Multidrop" system. AUX for Modem connection with input for auxiliary telephony device. <b>Parallel:</b> CENTRONICS for printer connection; connection by means of a 25 Poles female D-sub connector <b>Usb:</b> Hardware key <b>Ethernet:</b> RJ-45 for outside connection <b>Outputs:</b> N° 8 relay outputs for alarm signalling, with contact rating of 30V/3A-DC/AC resistive load; circular 16 pin male connector

**CONSTRUCTION FEATURES**

<b>Execution:</b>	Desktop PC, aluminium alloy chassis and removable cover in 0.9 mm gauge Zintec steel
<b>Electronic section:</b>	CPU with PENTIUM® INTEL® microprocessor (or higher version in accordance with technological evolution), 64 MB Ram, Video Card, Modem, 3-button Mouse. 17" LCD Monitor. Multimedia extended keyboard with 102 keys. 1.44 MB 3.5" diskette drive and High Capacity Hard Disk. Software protected by means of hardware key. Alarm outputs interface Card.
<b>Software:</b>	Software developed on Microsoft® Windows® platform with Numerical and/or Synoptic and/or Graphic panel displays; button style commands and/or toolbars. Facility to choose from four alternative languages (English, French, Italian, Spanish) for menus and messages (only for Mlab section). Possibility to use 3 different methods for the visualization of the data in the historical: Numeric, Graphic and Statistic (with the calculation of the PA, PP and PPK parameters). Real-time display, updating and complete management of all functions, variables and working parameters active on Beverage Analysis Unit and Controller Unit "QC20". Comprehensive monitoring and management of up to 8 Bx / CO2 Analysis and Control lines. Generation and storage of up to 1999 combinations of operating parameters, each relative to a specific product. Data stored in Microsoft® Access database with total compatibility with ASCII text files (Wordprocessors, Lotus 1,2,3, Excel, Foxpro) for graphic, statistical and qualitative analyses Tele-diagnostics or remote control of all functions via supplied Modem and "Pcanywhere" software (optional). Possibility to visualize in real time, both in numeric and graphic way, the instrument's operation parameters for diagnostics and print. Possibility to save, visualize and print in database all the calibrations carried out on the different instruments. Possibility to manage three security levels of the operations authorized for the users. Possibility to automatically carry out the target and eventually the zero corrections, due to sugar

	inversion. Possibility to export and import the recipes in ASCII text format (Excel). Possibility to receive, by means of the OPTOMUX and LABTECH protocols, the data from the MULTI-LAB IV/M8 from other software.
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#### TECHNICAL SPECIFICATIONS AND STANDARDS

##### Ambient characteristics

**Temperature limits:**

Ambient: 5...+40 °C (41...104 °F) Storage: -20...+60 °C (-4...+140 °F)

**Humidity limits:**

Ambient: 20%...80% (R.H. non-condensing) Storage: 10%...90% (R.H. non-condensing)

**Altitude limits:**

<2000 m a.s.l.

**Pollution category:**

"2" to IEC664

**Protection:**

IP30 to EN60529

##### Conformity to Directives:

CLASS B equipment

LVD: 2014/35/EU

EMC: 2014/30/EU

RAEE: 2012/19/EU

CE mark shows conformity to listed EU Directives