



**M maselli**  
PROCESS ANALYZERS



 M.C. TEC

## THE REAL IN LINE BRUX/CO<sub>2</sub> analyzer for beverages

The beverage analyzer IB07 is the only 100% in line system able to measure accurately Bx and CO<sub>2</sub> of any regular carbonated beverage including fruit juice with fibers, energy drinks and mineral waters.

The equipment is based on optical technology: refractive index for Bx measurement and infrared for CO<sub>2</sub> one.

Both analyzers do not have any drift in the time so that the Maselli IB07 acts like a "black box" which does not need any adjustment vs the laboratory: after the initial configuration during start up, the operators in the plant do not have to touch the system anymore.

The Maselli IB07 may be delivered in 3 different configurations: only Bx, only CO<sub>2</sub> or the combination Bx/CO<sub>2</sub> but, in any case, the installation can be easily made by means of 1 single Varivent fitting.

Due to the optical technology, the equipment is virtually no maintenance reducing drastically the ownership costs.



# IB07

BEVERAGE ANALYZER

BRUX AND CO<sub>2</sub> FOR THE BEVERAGE INDUSTRY

## Field Control Panel

### MP06 Receiver

MP06 is the new control panel for Maselli in line beverage analyzers: robust IP67 construction in a quick installation and implementation package.

By means of a touch screen panel, the operator may navigate through the intuitive software in order to monitor the trends, to handle the alarms and to make decisions about process control.

The innovative MP06 design is based on web server philosophy so that either using the ethernet network of the plant or simply a smartphone as hot spot, it is possible to enable a remote connection useful for trouble shooting or training



MP06

## OPERATING SPECIFICATION

### Concentration Measurement

Measurement range:	0...20 Brix
Accuracy:	±0.02 Brix
Measurement scale:	BRIX
Response time:	1 second

### CO<sub>2</sub> Measurement

Measurement range:	0...6 v/v (0...12 g/l)
Reproducibility:	+/- 0.025 v/v (+/- 0.05 g/l)
Measurement scales:	"v/v (Gas/Vol)" or "g/l"
Measurement interval:	1.8 sec

## TECHNICAL FEATURES

Product Temperature:	-5...+35 °C [23...95 °F]
Line pressure:	max 10 bar (145 psi) at 20 °C (68 °F) max 8 bar (116 psi) at 105 °C (221 °F) Special version for pressures up to 15 bar (217 psi) at 100 °C (212 °F)
Degree of protection:	IP67 to EN60529
Power supply:	AC 100V...240V ±10% 50...60Hz, 150VA. DC 24V ±10%, 10A Max.
Digital interface:	RS485 for connection to M8, MP06 receivers Profibus DP, MODBUS/TCP, ETHERNET/IP, PROFINET
Line connection:	Tuchenhagen Varivent N

Please refer to the technical datasheet for further data.

### Sales and service benelux

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## More products for the Beverage Industry

### IB08

Beverage Analyzer



In Line - Bx/Diet/CO<sub>2</sub>

### LP10

Laboratory Soft drink Analyzer



Laboratory – Diet, Brix, Fresh Brix, CO<sub>2</sub>