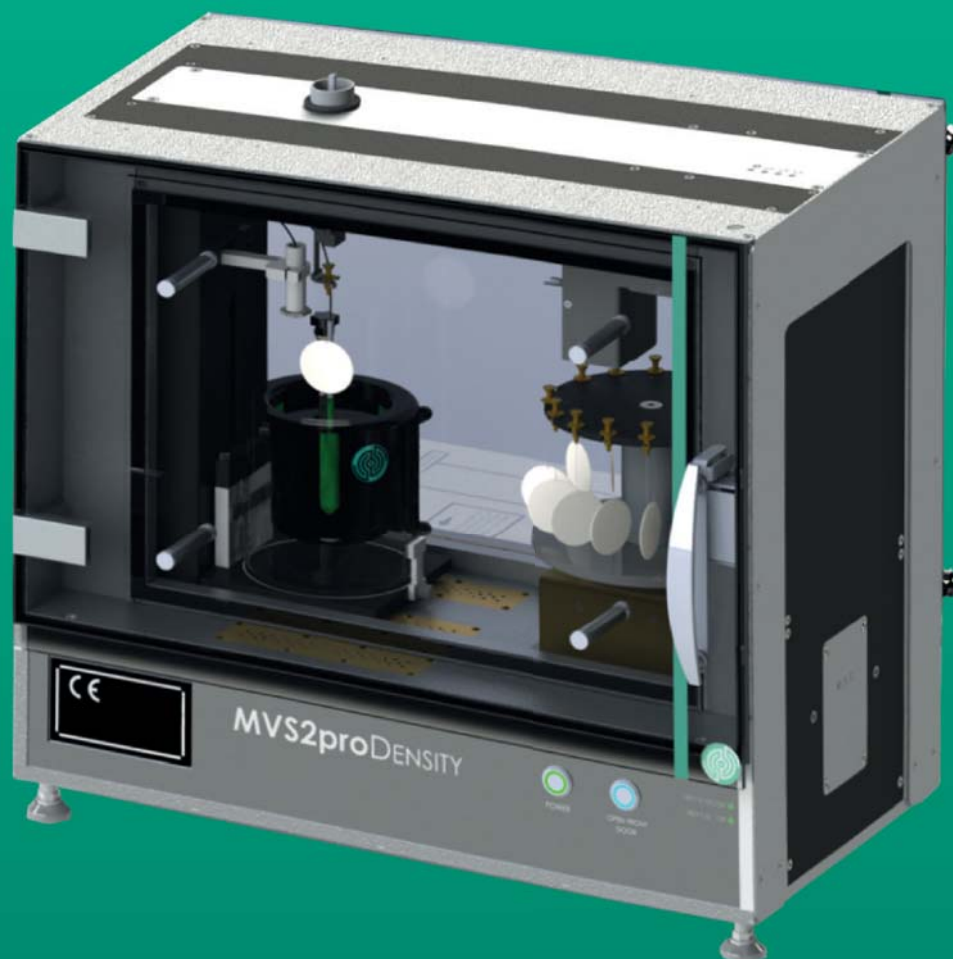


MVS2proDENSITY

Resolve your density measurement with performance



The Automatic Determination of the Volumic Mass
RELIABLE, REPRODUCIBLE, OBJECTIVE, CERTIFIABLE

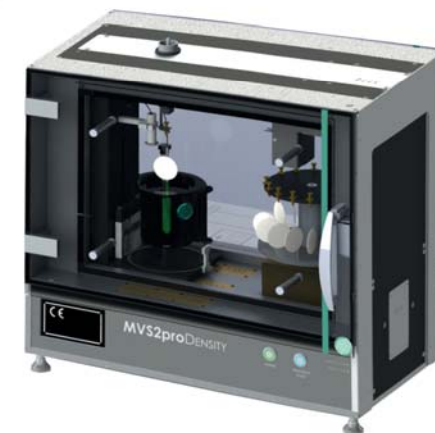
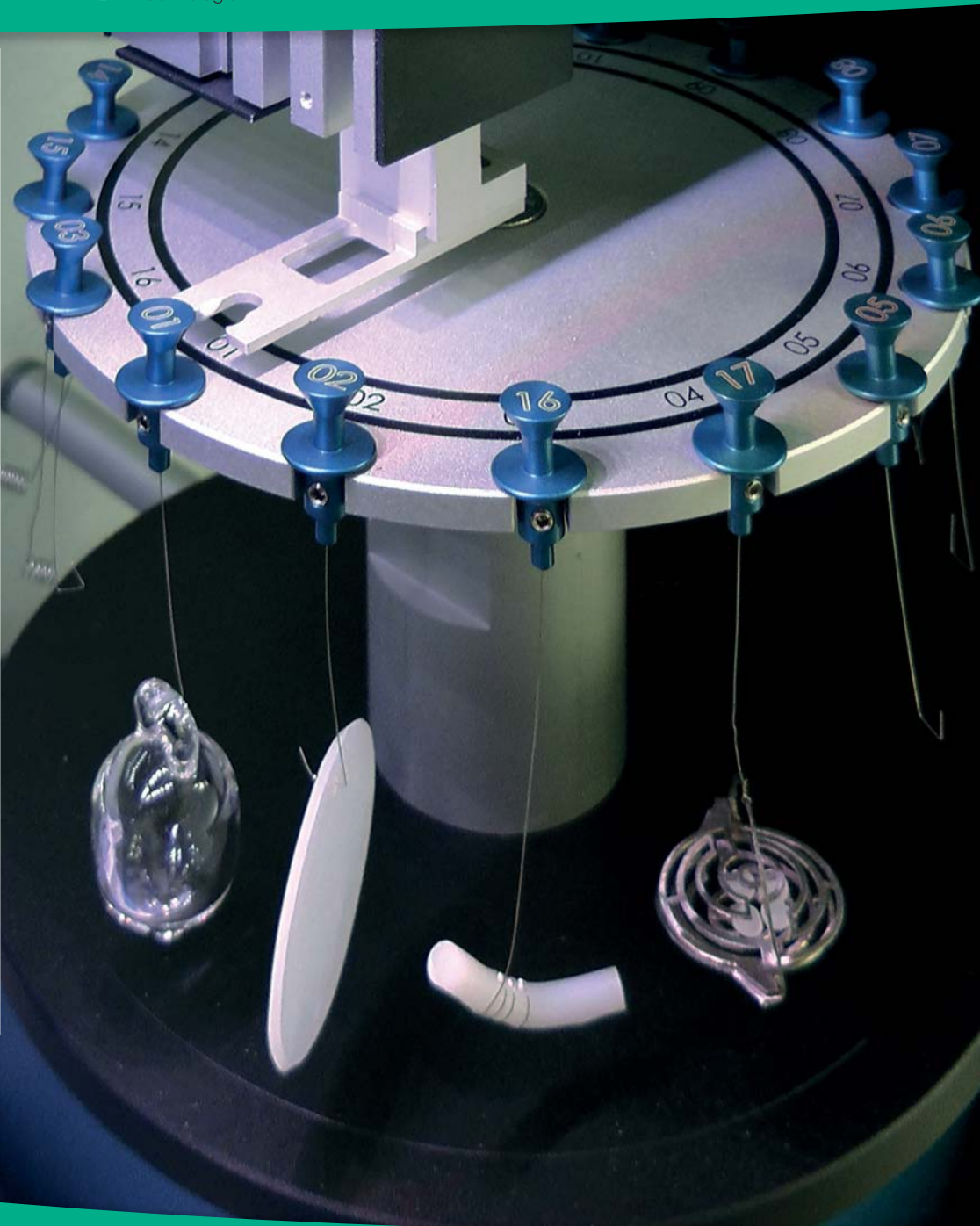
Agence Nord:
Bâtiment LETNA
Boulevard de l'espérance
14123 Cormelles le Royal
tél : 02.31.34.50.74
fax : 02.31.34.55.17



Agence Sud:
Bât Le Venango, 392 Rue Jean Dausset
AGROPARC - BP11575
84916 Avignon Cédex 9
tél : 04.90.27.17.95 fax : 04.90.27.17.52

Agence Est:
Parc Club des Tanneries
2 Rue de la Faisanderie
67380 Lingolsheim
tél : 03.88.04.01.81
fax : 03.88.93.01.52

www.deltalabo.fr
info@deltalabo.fr



Data Sheet

MVS2pro is a robotized system for the determination of the Density or the Standard Absolute Volumic Mass (MVS) of polymers by the principle of the Hydrostatic Push opportunely corrected in order to obtain the result expressed in the MV (S) unit.

MVS2pro determines the Volumic Mass in a completely automated cycle that replaces the old system used for this measure (Gradient Columns), that was characterized by typical human errors.

MVS2pro System is perfectly integrated in the quality Standard Process **ISO9000**.

It's already supported by all the control procedures for the carried out measures using two different kinds of Standard:

- 1 certified Density Standard
- 1 standard Temperature (certificated thermometer)

All integrated in a statistical plan of controls to check the validity of the analytical determinations of the samples.

MVS2pro has an Autosampler with a maximum of 16 samples and/or Standard of Density or Volume.

The system makes the measure of a sample in less than 120 sec.

MVS2pro constantly controls the Temperature to which it comes carried out the measure to have the certainty that will be respected the range of working set in the method. This **Pt100 probe** can be calibrated using the procedure from the management software with a primary Standard.

MVS2pro was born for the determination of MVS on **High Density Polyethylene (HDPE)** but it is obviously usable for the same kind of determination with other kind of materials can be analyzed with the method of the hydrostatic push.

Integral control of the **MVS2pro** system takes place via LAN from a software console (included in the price) that is installed on a PC in the corporate network (or, if necessary, with a direct connection to the PC). The software console allows you to control the system and keeps DB archive of all historical data and all the measurements made to obtain it. It is possible to re-calculate archived data with other types of applications like Excel, Access and transfer them directly to LIMS.

MVS2pro includes also a dual door and a dual controlled Atmosphere Purification System (not included in basic configuration).

Technical Data

- **Code:** MVS4. 0000
- **Model:** MVS2pro
- **Revision:** 1.55.00
- **Reproducibility:** < 0.01%
- **The System MVS2pro is compliant to the ISO1183, ISO2781 and ASTM D1505**
- **Range of Temperature:** from 10°C to 50°C (usually 23°C)
- **Medium Time of Analysis:** 120 s/sample
- **Sample:** dim. Approx. 4cm
- **Autosampler:** 16 samples

Accessories (required)

Support samples series hook form



Set of 20 hook shaped support samples.
The kit is composed in this way: 16 hook/helicoid form, 2 helicoid/hook form and 2 basket supports.

- **Product Code Golden Supports:** 0040
- **Product Code Green Supports:** 0041
- **Product Code Blue Supports:** 0042
- **Product Code Red Supports:** 0043

Support samples series helicoid form



Set of 20 helicoid shaped support samples.
The kit is composed in this way: 16 hook/helicoid form, 2 helicoid/hook form and 2 basket supports.

- **Product Code Golden Supports:** 0044
- **Product Code Green Supports:** 0045
- **Product Code Blue Supports:** 0046
- **Product Code Red Supports:** 0047

Basket Support samples



The kit is composed in this way: 16 basket supports, 2 helicoid supports, 2 hook supports.

In the perforated basket support you can include some polyethylene spheres or other material like fragments of glass or precious stones (diamonds).

- **Product Code Golden Supports:** 0400
- **Product Code Green Supports:** 0401
- **Product Code Blue Supports:** 0402
- **Product Code Red Supports:** 0403

These kits can be combined in various ways accordingly to your needs.

Atmosphere Purification System



This system helps to purify the atmosphere from volatile molecules and to stabilize the air inside of the measurement chamber. It needs 3 ÷ 6 bar compressed air.

Product Code: 0300

Mettler Analytical Balance MS Series



Analytical Electronic Balance with underplane support weight to position the support sample in the measurement area of the **MVS2pro**. The balance can be at 5 decimal places in grams. (d= 0,01 mg)

The Balance is directly controlled by **MVS2pro** via USB.

Product Code 5°: 0011

Thermostatic Bath



System of thermostatisation for the beaker (beker thermostatable). It allows the maintenance of the liquid measurement at the temperature described in the method.

The system has a suction pump to recirculate the thermostated liquid in an external circuit.

The system is directly controlled by MVS2pro via USB.

Product Code: 0061

Liquid measurement



500 cc of liquid suitable for measurement of MVS greater than 0.8 Kg/ dm³

Product Code: 0030

Certified Density Standard



Certified Density Standard in Glass.

Product Code: 0100

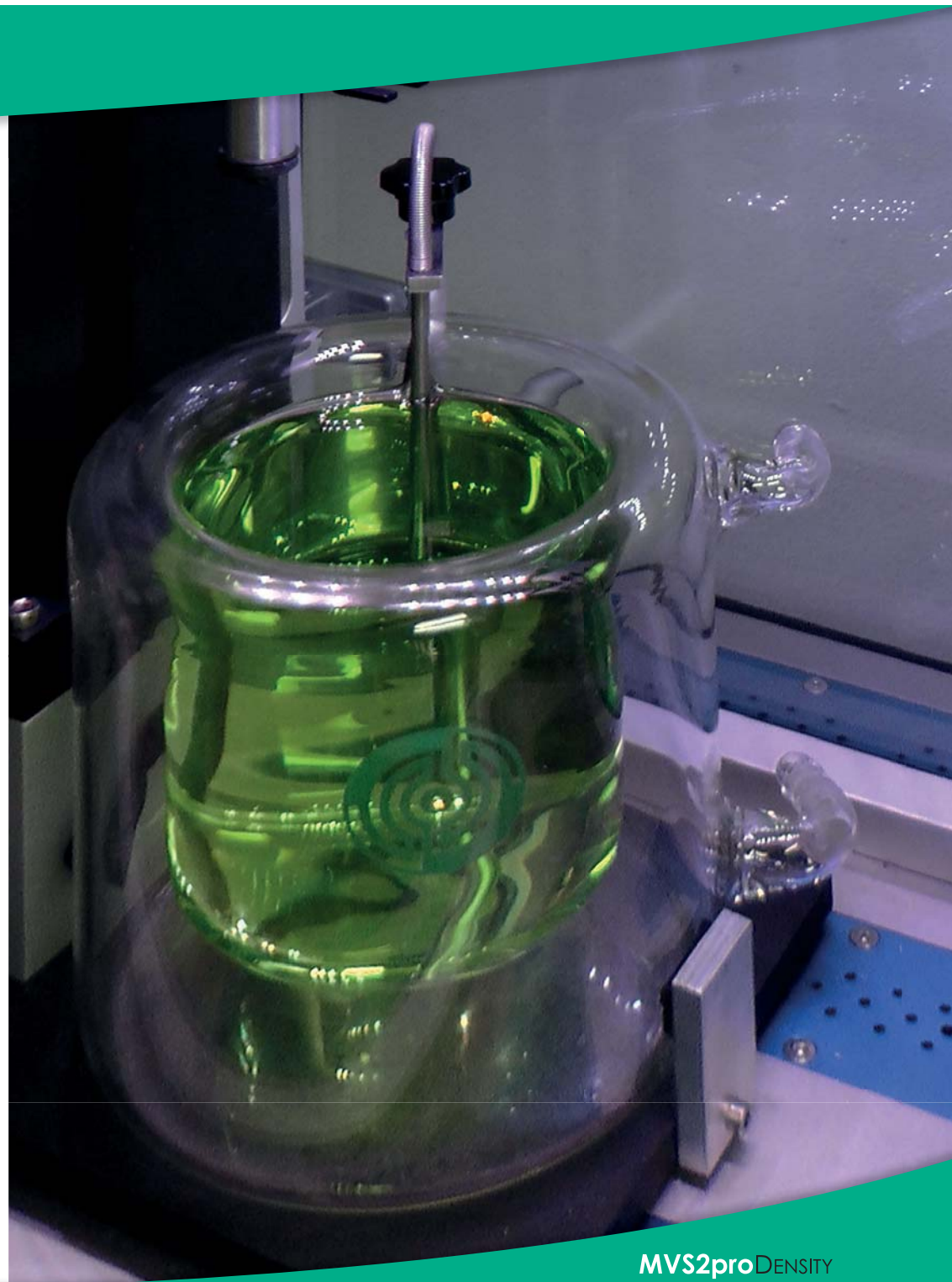
PC with keyboard mouse and monitor



Processor: 15-4570 3.2G 6M HD 4600

OS: WINDOWS10 with pre-installed MVS2pro Density Manager Software

Product Code: 0050





Ortelli Technologies Srl

Via Pistoiese, 601 59100 Prato ITALY
T +39.0574-668301 F +39.0574-811757
www.ortellitechnologies.com
www.ortelli.it
info@ortellitechnologies.com



watch the video

https://youtu.be/SqA85Buf_tl



Twitter

<http://bit.ly/2Jg7DSv>



LinkedIn

<http://bit.ly/2kQBP81>

Agence Nord:

Bâtiment LETNA
Boulevard de l'espérance
14123 Cormelles le Royal
tél : 02.31.34.50.74
fax : 02.31.34.55.17



Agence Est:

Parc Club des Tanneries
2 Rue de la Faisanderie
67380 Lingolsheim
tél : 03.88.04.01.81
fax : 03.68.93.01.52

Agence Sud:

Bât Le Venango. 392 Rue Jean Dausset
AGROPARC - BP11575
84916 Avignon Cédex 9
tél : 04.90.27.17.95 fax : 04.90.27.17.52

www.deltalabo.fr
info@deltalabo.fr