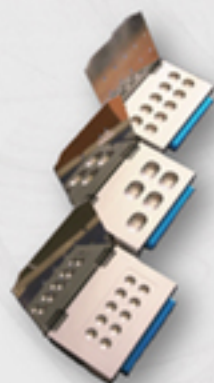




Patented Measuring Head

# blistO<sub>2</sub>

BlistO<sub>2</sub> is an innovative (patented pending) measuring system for the automatic analysis of oxygen content in blister packs. The instrument provides reliable, accurate and reproducible analysis that eliminates possibility of human errors. The measuring procedure is simple, fast, and efficient.



Fits all types of blister packs



Fast and easy automatic calibration



Touch screen operation with intuitive man to machine communication.

Software for direct data analysis of blister series and automatic report output  
Season: R1 1111 Test  
Control Number: R1 2  
Series: 152  
Analyse fase: start of the packaging  
Average: 1.7%

| Blister 1 |                    | Blister 2 |                    | Blister 3 |                    |
|-----------|--------------------|-----------|--------------------|-----------|--------------------|
| Packets   | O <sub>2</sub> (%) | Packets   | O <sub>2</sub> (%) | Packets   | O <sub>2</sub> (%) |
| 1         | 2.1                | 1         | 1.4                | 1         | 2.0                |
| 4         | 2.2                | 4         | 1.4                | 4         | 2.1                |
| 5         | 2.3                | 5         | 1.4                | 5         | 2.2                |
| 8         | 2.4                | 8         | 1.4                | 8         | 2.3                |
| 9         | 2.5                | 9         | 1.5                | 9         | 2.4                |

The programming unit is designed for easy operation. The operator selects the required type of analysis, i.e. single point analysis of one blister pack or series analysis. A statistical analysis report is automatically generated by the software. The special designed blister cartridge enables fast and precise measurements of different types of blister packs. The intelligent, patented measuring head enables automatic calibration and self-controlled sensor status. The system prolongs sensor's life span because the special sensor head prevents sensor damages.

The BlistO<sub>2</sub> has been validated by the pharmaceutical industry.

## Technical data

| Characteristics                                     |   |
|---|---|
| Measuring principle                                 | Optical sensor                                    |
| Measuring range                                     | 0 to 21 % O <sub>2</sub>                          |
| Accuracy  | +/- 0.1%  |
| Reproducibility                                     | ± 0.1 %   |
| Measuring time for one point in blister pack (max.) | < 10 s  |
| Average measuring time for 10 point blister pack    | < 2 min   |
| Limit of detection                                  | 0.1 %   |
| Operating temperature                               | 5 to 40 °C  |
| Dimensions  | length: 600 mm<br>width: 315 mm<br>height: 385 mm |
| High precision positioning                          | < 0,02 mm   |
| Weight  | 50 kg   |
| Level of protection                                 | IP 65   |
| Power supply  | 100V-220V AC / 50 Hz                              |
| Interface   | USB, RS485, Ethernet                              |