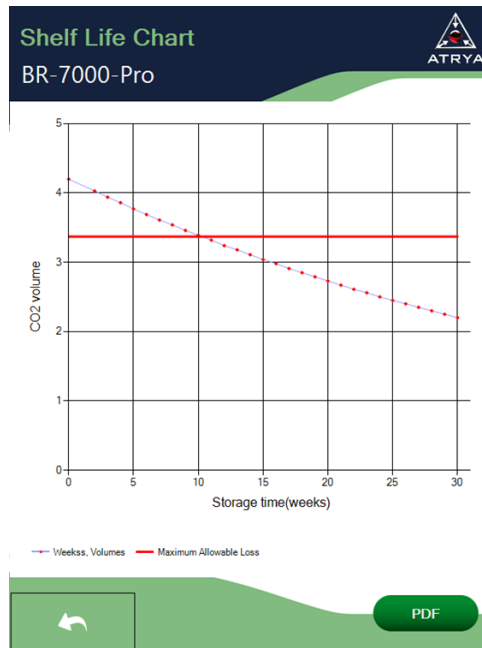


# SHELF LIFE PREDICTOR® SOFTWARE

## FOR BR-7000® (BURST RESISTANT TESTER FOR PLASTIC BOTTLES)



# SHELF LIFE PREDICTOR®



## SHELF LIFE

The **Shelf life of a carbonated beverage packaged in PET** is mainly affected by the loss of CO<sub>2</sub> due to permeation of this by the appearance of the packaging.

Taking into account the problem, Atrya has developed the **new Shelf Life Predictor® (SLP) software**, based on the principles of permeability, the general law of gases and extensive experience in laboratory quality testing.

## ADVANTAGES

- Immediate results prediction (no long waiting periods).
- Reliable and accurate results for the release of production batches, with prediction graphs.
- Easy adjustments during the process in real time.
- Determination of the viability of the container according to the manufacturing materials

## This software operates with our BR-7000® Burst Resistant Tester for Plastic Bottles.

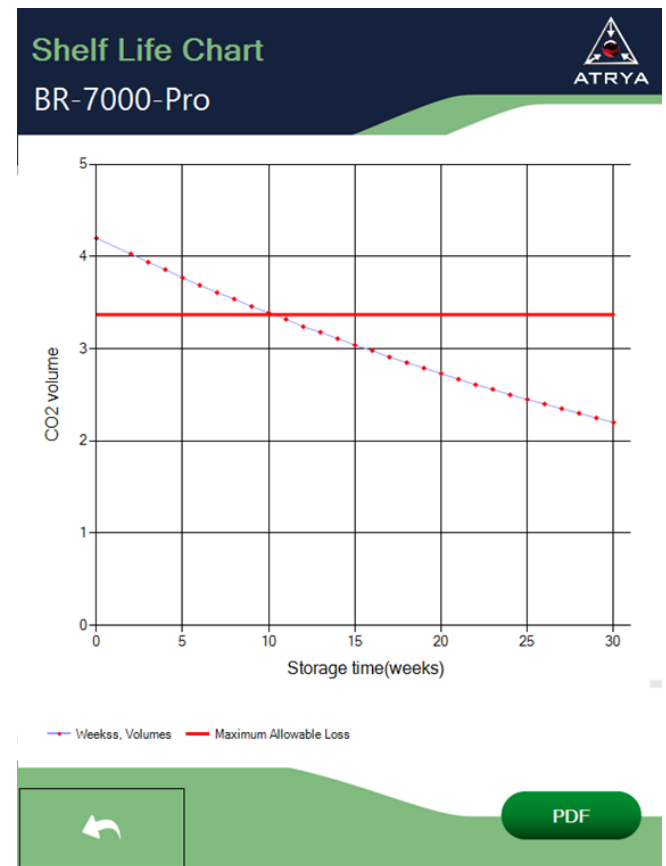
When used in conjunction with Atrya's BR-7000®, the input data used in this model are three: average sample thickness (mm), initial CO<sub>2</sub> Volumes and Overflow capacity (ml), **the lifetime result is immediately displayed on the screen at the end of the test.**

Precise, fast and easy to use interface with **two modes**:

- CO<sub>2</sub> loss in a specific time
- Time to reach a given CO<sub>2</sub> loss



Sample Test Results Screen



Graph of prediction results



**BURST RESISTANT TESTER FOR PLASTIC BOTTLES**  
**BR-7000®**

Request the technical sheet.

**ATRYA PLAST S.A. DE C.V.**



Av. Río Consulado No. 2614,  
San Juan de Aragón 1a Secc.  
C.P. 07969, CDMX, México.

[atrya.com.mx](http://atrya.com.mx)

**SHELF LIFE PREDICTOR®**

**HQ Ciudad de México**  
(+52) 55 2603 7450  
[ventas@atrya.com.mx](mailto:ventas@atrya.com.mx)

**Monterrey, México**  
(+52) 81 2235 9264  
[ventas@atrya.com.mx](mailto:ventas@atrya.com.mx)

**Guadalajara, México**  
(+52) 33 1543 3419  
[ventas@atrya.com.mx](mailto:ventas@atrya.com.mx)