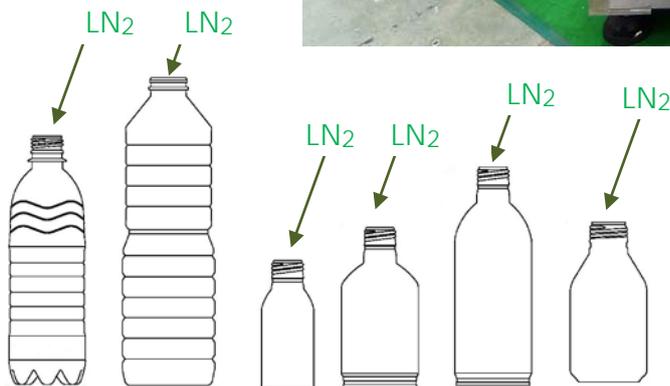


## BRZ

### Lab-scale Monoblock Filler/Capper for Bottle-Can and PET bottle

Model "BRZ", Laboratory use, filler-capper monoblock, with LN2 dosing capability, made by ROOTS MACHINERY LABORATORIES, INC.

- **BRZ** is an automatic filler/capper with LN2 dosing capability for Bottle-Cans (aluminium bottles) and PET bottles perfect for labs and pilot plants. Also good for small scale commercial production.
- Filling at ambient temperature or at higher temperature for pasteurization, dosing LN2, and then capping immediately.
- A compact monoblock unit composed of air-rinsing, filling, cap dispensing and capping stations. Can be operated by one person.



- Designed for Bottle-Cans & PET bottles as illustrated on the left. Suitable for trial filling and small scale production of Bottle-Can products with positive pressure inside and experimental filling into lighter / thinner PET bottles.

2 models of lab-scale monoblock filling machine with LN2 dosing capability, *BRZ* and *BRX* (for aluminium can, on the right), are available. You can check them on You Tube!

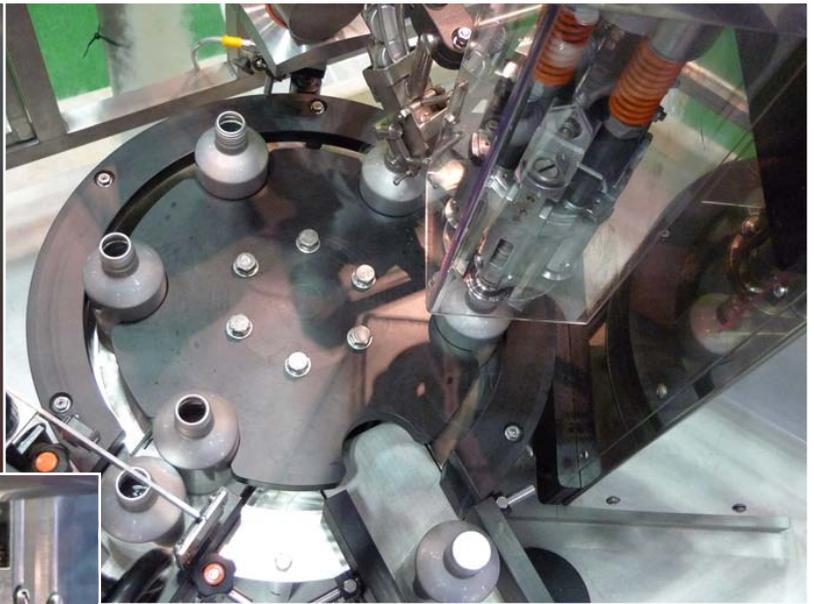
*BRZ*: <http://www.youtube.com/watch?v=oXwp-EOk8o>

*BRX*: <http://www.youtube.com/watch?v=EXsJqzIV6aA>



PLC controlled. Operation through touch panel.

Turret composition. After LN2 dosing, a cap is immediately put on the bottle mouth and sealed.

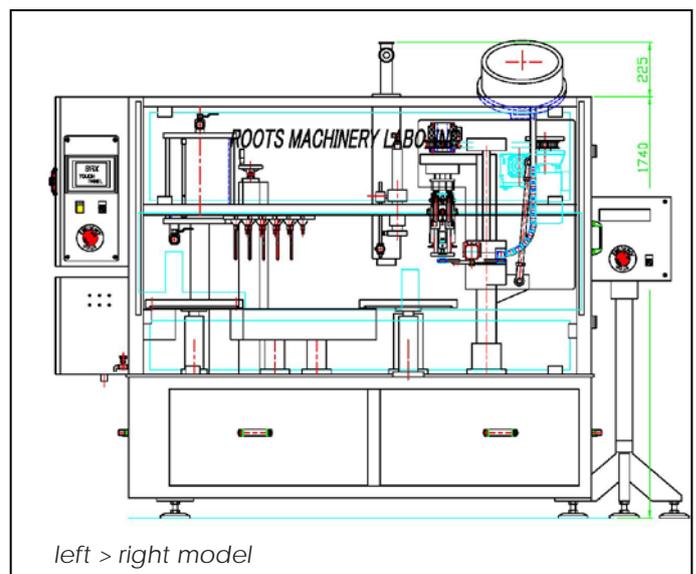


Zalkin capping head as standard setting for Bottle-Cans.  
(Other heads can be set by request)

Air-rinsing and then filling 5 bottles simultaneously. The filling nozzles don't touch bottle mouth.

### Technical Specifications

Item	Description
Products	<b>Non-carbonated Products</b>
Rated output	See "Performance Data"
Other performance	See "Performance Data"
Temperature at filling	maximum 90°C
Elec. Voltage, etc.	200VAC 3ph 50 or 60Hz
Operation air	8 bar
Container dia. and height	dia. 45 -80mm height 105 - 280mm
Products/CIP supply line	1.5S Ferrule (tri-cramp) (standard)
Cleaning / sanitizing	maximum 80°C hot water or cold sanitizer
Make of PLC	Mitsubishi (standard)
Weight	Approx. 1.5 tons
Dimensions	2300 (width) x 1430 (depth) x 2000 (height)



left > right model

(These data can be modified without notice because of future technological progress and improvements.)