

# Animal Water Bottle Filling Machine

Orchid's Automatic Animal Water Bottle Filling Machine is useful for filling drinking water in the lab animal cage bottles efficiently and accurately with minimum spillage.



**Dinking Water In The Lab Animal Cage Bottles Efficiently And Accurately**



The machine needs to be connected to the water source with a pressure of 3-5 bar. The machine is supplied with a customized basket for holding the water bottles. The user needs to push the basket over the rollers so that the bottle position is below the dispensing nozzles. The filling platform is fitted with a basket position sensor which triggers when the basket is placed and filling starts as per the filling volume set on the touch screen display. The machine is fitted with two dosing pumps one for disinfectant and a second for adding nutrients/ medicaments to the water during the filling process.

## FEATURES:

- Touch screen HMI -PC control with 6 programs for setting the filling volumes
- Filling platform with sensor to detect the basket position
- Two dosing pumps
- Automatic cleaning function to clean the pipelines

## SPECIFICATIONS & MODELS:

| Model   | Number of Filling Nozzles | Dosing Pump Details  |
|---------|---------------------------|----------------------|
| AWBF-01 | 36                        | Peristaltic Pump: 02 |

## ORDERING INFORMATION:

| Model   | Power Requirements                         | Water Pressure Requirements | External Dimensions & Height Of Working Table L x W x H (mm) | Accessories Supplied  |
|---------|--|-----------------------------|--|---|
| AWBF-01 | 220V AC<br>50Hz, Single<br>Phase<br>supply | 3 to 5 bar                  | 905 x 805 x 1165 mm<br>± 10 mm                               | Basket for holding<br>water bottle of<br>200-300ml<br>capacity: 01<br><br>Basket for holding<br>water bottle of<br>500-600ml<br>capacity: 01<br><br>(Client needs to<br>confirm the<br>dimensions of<br>water bottle for<br>the basket) |

\*Needs to be specified in order information

**Note:** Orchid's continuing product development makes specifications subject to change without prior notification.



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