

# LABmax eco

## The economical and ecological way to dispense

Dispensing with **LABMAX eco** is both economic and ecological friendly. This standard-dispenser is usable for nearly all applications of dispensing liquids in the lab and is especially **ECONOMICALLY** priced. Use the "recycling mode" for an **ECOLOGICAL** air-purging and draining without any loss of reagent!

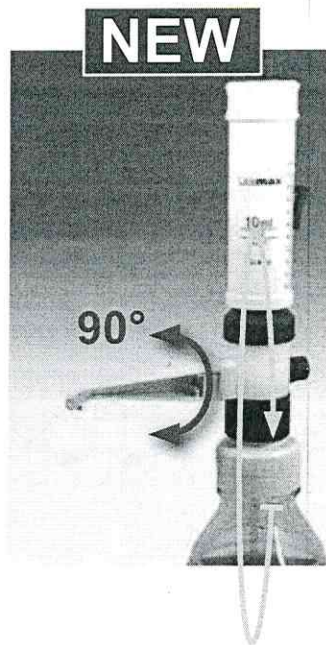
### Quick and precise volume setting

Adjusting the volume of **LABMAX eco** is very simple: just push the quick-adjust knob – slide to the desired volume – release – that's all!



### Perfect air-purging mechanism for 0% reagent loss

Turn the discharge tube at 90°. Remove (purge) trapped air without reagent loss by pumping in a closed circuit: the reagent flows back into the bottle! After pumping 2 or 3 times the dispenser is free of air and ready to use. This special feature not only helps to save residual reagent but also when accidentally setting the wrong volume!



**NEW**

### 360°-turn for your added safety

No matter how much you tighten **LABMAX eco**, you can always redirect the discharge tube by simply turning the valve block to the desired position. This way the label of the bottle is always visible. This feature works for all our adapters. Adapters for different bottle threads can remain on the bottle.



### 100% drip-free system for your safety

By turning the discharge tube at 180° all liquid flows back into the bottle. **LABMAX eco** is completely closed and no accidental discharge can occur by inadvertently moving the piston. There is absolutely no dripping possible!



Liquid flow

Moveable parts





# Bottle-Top Dispenser

## Your advantages at a glance:

- high quality precision instrument, made in Germany
- all-purpose dispenser, universal chemical compatibility
- most affordable price in its class
- direct displacement piston system, ideal for crystalline solutions
- highest accuracy and precision, our error ranges are better than the DIN EN ISO 8655 requirements
- robust and stable, made of high quality materials e.g. platinum springs
- 0% loss of reagent by pumping in a closed circuit **NEW**
- 100% drip-free due to our unique anti-drip system
- 360 degree rotatable valve block for added safety **NEW**
- one handed operation
- flexible by using different bottle adapters
- easy to clean, completely autoclavable at 121°C
- individual certificate and serial number
- DE-M marked according to the German calibration law, valid from January 2015

## LABmax eco

Volume	Division	Accuracy	Coefficient of variation	Thread	Order number
ml	ml	± ml	≤ ml	GL	
0.25 - 2.5	0.05	0.012	0.002	32	
0.5 - 5.0	0.10	0.03	0.005	32	
1.0 - 10.0	0.20	0.06	0.01	32	
2.5 - 25.0	0.50	0.15	0.025	45	
5.0 - 50.0	1.00	0.3	0.05	45	
10.0 - 100.0	2.00	0.6	0.1	45	
25.0 - 250.0	5.00	1.2	0.25	45	

## Scope of supply

Labmax eco, suction tube, discharge tube, instruction manual, individual certificate, serial number, thread adapter (2.5/5.0/10.0ml: A25, A28, A45, S40 | 25.0/50.0/100.0/250.0 ml: A25, A28, A32/45, S40)



## Parts in contact with reagent:

The components having direct contact with the reagent are made of chemical resistant materials:

platinum spring, ceramic valve balls, PTFE piston, borosilicate glass 3.3 cylinder