



 **DURAN GROUP**  
magic of precision

DURAN GROUP DISPENSER

Safe and precise dispensing system

## DISPENSING OF LIQUID MEDIA MADE EASY

DURAN® laboratory glassware ensures that work in the laboratory is carried out safely, precisely and smoothly. A system concept is of prime importance where the further development of products is concerned. This is true of the new, high-quality, DURAN Group dispensers, which now make the dispensing of liquids directly from DURAN® laboratory glass bottles even easier and safer. They provide high accuracy, conform to DIN EN ISO 8655 and ensure optimum reproducibility.

### Precise dosing in the twinkling of an eye

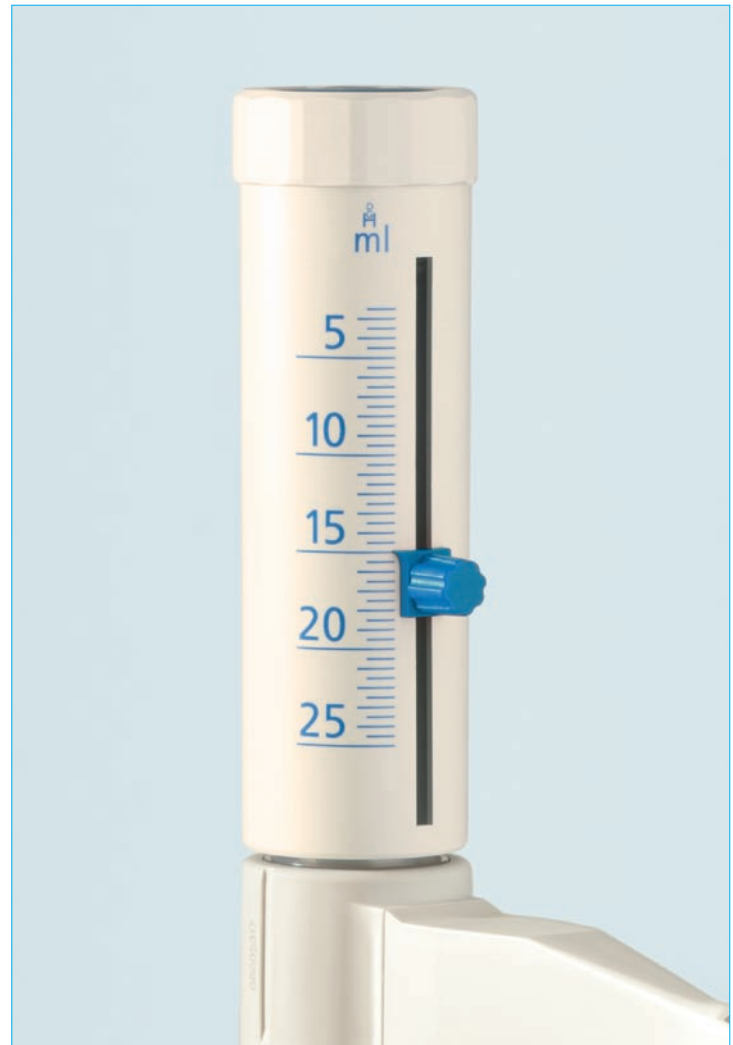
The DURAN Group dispenser can be screwed directly onto the bottle thread. The required volume is set on the dispenser and then dosed by depressing the precisely engineered plunger. The smoothly moving cylinder can be operated with one hand making serial dosing convenient. Thanks to their simple and precise volume adjustment, DURAN Group dispensers can be used in a wide variety of applications, with the metered quantity being quickly matched to the application in question.

DURAN GROUP DISPENSER

### Reliably leak-tight – permanently resistant

The thread of the DURAN Group dispenser is matched to the GL 45 thread of the DURAN® laboratory glass bottle. This ensures optimum sealing and reduces any loss of media. Additionally, safe storage of the contents and protection against escaping vapour is ensured. The discharging tube can also be tightly closed with a cap. As the threads of the DURAN® laboratory glass bottles and the DURAN Group dispensers are compatible with each other, we recommend their use as a complete system. By using the supplied adapters (GL 28, GL 32, GL 38, S 40) these dispensers can also be used for other thread sizes.

Alongside borosilicate 3.3 glass, only high quality plastics such as PTFE, ETFE, PFA, FEP and a platinum-iridium alloy come into contact with the media. Hence the DURAN Group dispensers are resistant against most acids, bases and solvents, nearly wear-free and therefore have a very wide range of application. A PFA sealing lip adjacent to the cylinder wall prevents crystal formation when used with media which crystallise easily so that sticking of the piston is prevented.





Easy handling thanks to directly pushed piston complete with PFA sealing lip → prevents sticking due to crystal formation

Fast, easy and precise volume setting

Very precise glass cylinder protected by a plastic cover

Dispenser fitted on the bottle rotates freely through 360°

GL 45 thread, precisely matched to DURAN® laboratory glass bottles → extremely leak-tight

No dripping once discharge tube closure cap in place

Only high quality materials used for the inner surfaces → good chemical resistance → universal use

Adjustable telescopic tube → can be matched to the bottle size

## THE DOSING SYSTEM WITH MANY ADVANTAGES

- Original accessories for DURAN® laboratory glass bottles, matched to GL 45 thread, therefore especially leak-tight and offers protection against vapour
- Optimum precision dispensing
- Reliable reproducibility
- Simple operation, even with one hand
- PFA sealing lip prevents crystal formation and consequently sticking of the piston
- Wide range of applications
- Modular design, easy to dismantle and clean

A  
121 °C

DIN ISO  
8655

Made  
in  
Germany

D  
IG





## DURAN GROUP DISPENSER + CERTIFICATE + DURAN® LABORATORY GLASS BOTTLES: THE COMPLETE ONE-STOP SOLUTION

Service is a priority for us. Thus all DURAN Group dispensers are supplied complete with a batch certificate, which includes the individual serial number so that traceability is ensured and conforms to the error limits to DIN EN ISO 8655.

### Certified quality:

- With a serial number for traceability
- Device type
- Confirms error limits adhere to DIN EN ISO 8655
- Listing with names of the test equipment used

### Error limits as per DIN EN ISO 8655

Nominal volume:	2.5 ml	5.0 bis 100,0 ml
Accuracy:	$\leq \pm 0.6 \%$	$\leq \pm 0.5 \%$
Coefficient of variation:	$\leq 0.1 \%$	$\leq 0.1 \%$

- The accuracy (A) indicates how close the mean value is to the actual value and corresponds to the systematic error.
- The coefficient of variation (CV) indicates how close the individual measurements are to each other and corresponds to the random error.

Cat. no.	Description	Volume range	DIN thread GL	Adapters
29 115 03	DURAN Group Dispenser 0.25–2.5 ml	0.25–2.5 ml	32	GL 28, GL 45, S 40
29 115 06	DURAN Group Dispenser 0.5–5.0 ml	0.5–5.0 ml	32	GL 28, GL 45, S 40
29 115 09	DURAN Group Dispenser 1.0–10.0 ml	1.0–10.0 ml	32	GL 28, GL 45, S 40
29 115 14	DURAN Group Dispenser 2.5–25.0 ml	2.5–25.0 ml	45	GL 32, GL 38, S 40
29 115 17	DURAN Group Dispenser 5.0–50.0 ml	5.0–50.0 ml	45	GL 32, GL 38, S 40
29 115 24	DURAN Group Dispenser 10.0–100.0 ml	10.0–100.0 ml	45	GL 32, GL 38, S 40

Scope of delivery: DURAN Group dispenser; three PP threaded adapters (size see table), telescopic intake tube (200–350 mm), assembly key, instructions for use, quality certificate with specification of the test values. A summary of the spare parts can be found in the instructions for use supplied with the product.

## THE PERFECT SYSTEM – THE DURAN GROUP DISPENSER AND THE MATCHING DURAN® LABORATORY GLASS BOTTLES

The threads of the dispensers are matched to DURAN® laboratory glass bottles. This ensures optimum sealing thus reducing any loss of media. Due to their excellent chemical resistance, the DURAN® laboratory glass bottles are ideally suited to the preparation of solutions and the storage of even aggressive chemicals.

The wide product range of the DURAN Group, as a world-wide leading manufacturer, offers a large number of variants and a comprehensive selection of original accessories. For more information, see [www.duran-group.com](http://www.duran-group.com).





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