



John Poulten Ltd.

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## VOLAC – VOLumetric ACcuracy – The Ultimate Precision in Laboratory Glassware

### VOLUMETRIC FLASKS

To British Standard (BS1792 : 1982(93) ISO 1042 : 1983)

A range of flasks from 5ml to 5000ml capacity, all manufactured to Class A standards, with permanent markings and tooled ground neck fitted with interchangeable 'Polystop' polypropylene stopper.

#### CLASS A ACCURACY TYPE NC

This range has been enlarged to cover all the former Class B capacities.

#### CLASS A ACCURACY TYPE WAC

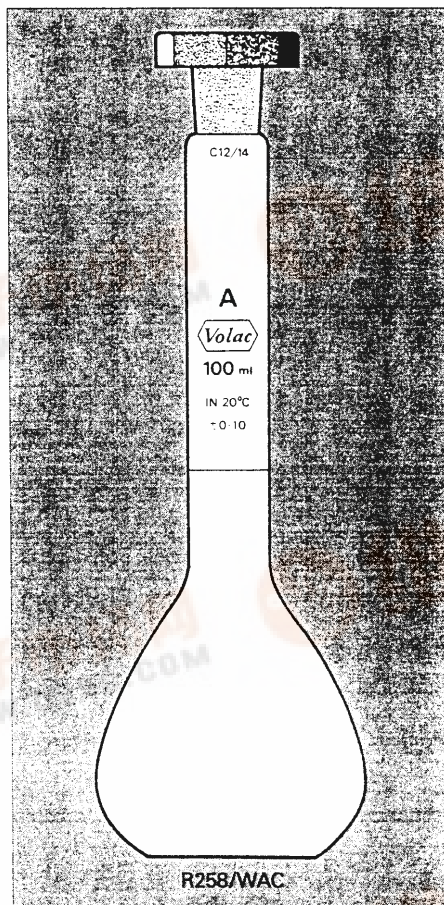
In a slightly reduced range of capacities, each flask is serially numbered and supplied with an individual correction certificate of accuracy.

#### ACCURACY TOLERANCES

Volac flasks are manufactured to the following accuracy limits.

Capacity ml	Accuracy Limits $\pm$ ml	Capacity ml	Accuracy Limits $\pm$ ml
5	0.025	200	0.15
10	0.025	250	0.15
15	0.03	500	0.25
20	0.04	1000	0.40
25	0.04	2000	0.60
50	0.06	5000	2.00
100	0.10		

**SPECIAL NOTE:-** When users wish to check the accuracy of volumetric glassware, care should be taken not only to avoid parallax error, but also to avoid a false view of the bottom of the meniscus. Use of a black ring, clip or surround 1mm below the mark will give a black reflection on the bottom of the meniscus and dramatically improve the accuracy of the reading (see ISO 4787 or BS. 6696). John Poulten Ltd can supply suitable black clips on request.



#### CLASS A ACCURACY – R258

A range of flasks from 5ml to 5000ml, with permanent amber markings up to 100 ml volume and white glazed markings above, tooled neck, ground and fitted with inter-changeable Polypropylene stopper (Polystop). Stopper size is shown as top diameter/minimum shank length in mms.

Suffix /WAC flasks are issued with individual correction certificate of accuracy.

Reference Number	Capacity ml	Stopper Size	Standard Pack Quantity
R258/A/5	5	10/13	5
/B/5	10	10/13	5
/C/5	15	10/13	5
/D/5	20	10/13	5
/E/5	25	10/13	5
/F/5	50	10/13	5
/G/5	100	12/14	5
/H/5	200	14/15	5
/I/5	250	14/15	5
/J/2	500	16/16	2
/K/2	1000	24/20	2
/L/S	2000	24/20	1
/M/St	5000	34/35	1
R258/WAC/A/5	5	10/13	5
/B/5	10	10/13	5
/D/5	20	10/13	5
/E/5	25	10/13	5
/F/5	50	10/13	5
/G/5	100	12/14	5
/H/5	200	14/15	5
/I/5	250	14/15	5
/J/2	500	16/16	2
/K/2	1000	24/20	2
/L/S	2000	24/20	1
/M/St	5000	34/35	1

† Size not listed in BS.1792

