

Polarimeter Tubes

Bellingham + Stanley polarimeter tubes are manufactured to high quality standards. Tube ends are precision ground and windows made from specially selected low strain glass providing highest accuracy along the light path.



Figure 1

There is a wide range of tubes to suit different applications, as shown in the table below.

- Water-jacketed tubes can be used to provide temperature control as required.
- Jacketed funnel flow-through tubes are convenient for certain repetitive measurement applications such as in busy sugar testing laboratories.
- Continuous flow through tubes allows monitoring of pumped samples, for example following chemical reactions.

Bellingham + Stanley polarimeter tubes conform to ICUMSA recommendations and are compatible with most makes of polarimeter.



Figure 2

Plastic end cap glass tube for general use.
(Figure 1 - left of picture)

Order Code	Description	Length
35-29	Standard glass sample tube with bulb to clear	100
35-30	bubble from field of view.	200
35-28	* most suited to Model D7	50-200*
35-46	Centre filling glass tube with straight central arm for	100
35-47	filling from funnel or flexible tube, thus eliminating	200
35-45	the need to disturb cover glasses.	50-200*
35-57	Centre filling glass tube with cup-shaped centre	100
35-58	filler to reduce risk of spillage.	200
35-56		50-200*

*Tube of specified length to order

Stainless steel end cap glass tube for use with aggressive samples and solvents.
(Figure 1 - right of picture)

Order Code	Description	Length
35-10	Metal end, centre fill, glass	100
35-11	Metal end, centre fill, glass	200



Figure 3

Stainless steel, water jacketed tubes suitable for use with ADP400 series polarimeters, all requiring specially suited slotted lids as indicated. Plastic end caps are supplied as standard with stainless steel versions being optionally available.
(Figure 2 - right of picture and figure 3)

Order Code	Description	Slotted Lid Code	Length
36-57	Funnel flow-through tube (Figure 3)	37-012	100
36-58		37-011	200
36-67	Continuous flow-through tube	37-012	100
36-68		37-011	200
36-77	Centre-Fill tube (Figure 2 – right)	37-010	100
36-78		37-009	200

All lengths shown are in millimetres (mm)

*Except for Centre-Fill tubes, which are nickel-plated brass.

For earlier ADP220 models, please contact Bellingham + Stanley.

General Specifications

Parameter	Value
Collar external diameter	30mm nominal
Tube internal diameter	8mm
Window size	15.5mm
Capacity	5.02ml/100mm

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