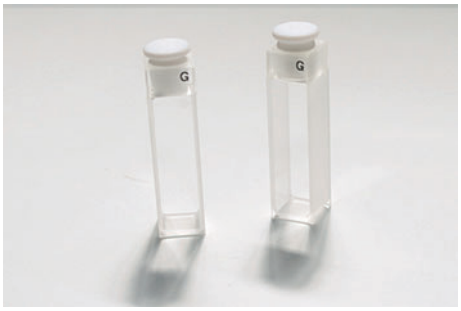
Cells are supplied in paired up units and their main features ers the following:
1| Materials specfications: two tyes, optical glass for the visible spectrum (340-2500 nm) and synthetic quartz for ultraviolet spectrum (190-2500 nm).
2| Cells contruction: made up by sintering its walls, that is, thanks to a heating process the melting point, of glass or quartz podwer so that its articles adhere to each other by pressure.
3| General features:
- Resistant to alcali, 6 mol/L of NOH kept in cells for 24 hours, with neither breakage nor leakage.
-Resistant to acids, 6 mol/L of HC1 kept in cells for 24 hours, with neither breakage nor leakage.
- Resistant to orgnic solvents as ethanol (C5H5OH), carbon tetrachloride (CCI4) or benzene (C6H6)

Macro standard

1| The most common in analytic Chemistry.
2| External height of 45 mm.
3| They have two polished walls and are open at the top. though they are supplied with a plastic.

GLASS	UV QUARTZ	Path length	Inner width	Volume
HJK001	HJL001	1 mm	10 mm	0.35 mL
HJK002	HJL002	2 mm	10 mm	0.70 mL
HJK003	HJL003	5 mm	10 mm	1.70 mL
HJK004	HJL004	10 mm	10 mm	3.50 mL
HJK005	HJL005	20 mm	10 mm	7.00 mL
HJK006	HJL006	40 mm	10 mm	14.00 mL
HJK007	HJL007	50 mm	10 mm	17.50 mL

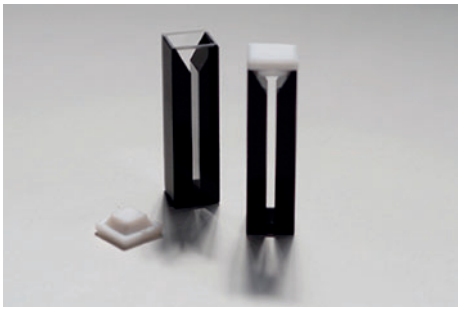
Macro standard with stopper



1| Included PTFE stopper these ones include, which seals the cells hermetically thus making them better for volatile fluids.
2| Their external height is 48 mm plus the stopper.

GLASS	UV QUARTZ	Path length	Inner width	Volume
HJK008	HJL008	10 mm	10 mm	3.50 mL

Semi- micro with black walls



1| For reducing the volume of sample necessary to make a reading.
2| Their black walls improve sensitivity by eliminating stray light of readings.
3| The inner width is reduced to 4 mm.

GLASS	UV QUARTZ	Path length	Inner width	Volume
HJK009	HJL009	5 mm	4 mm	0.50 mL
HJK010	HJL010	10 mm	4 mm	1.00 mL
HJK011	HJL011	20 mm	4 mm	2.00 mL

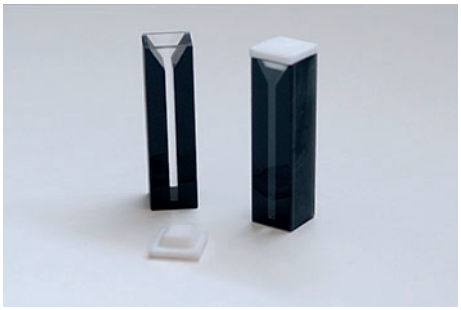
Note: manufacturer reserves the right to modify features and photographies of the goods

Semi- micro with black walls and stopper

1|Included PTFE stopper these ones include, which seals the cells hermetically thus making them better for volatile fluids.
2| Their external height is 48 mm plus the stopper.

GLASS	UV QUARTZ	Path length	Inner width	Volume
HJK012	HJL012	10 mm	4 mm	1.00 mL

Micro with black walls



1|Have an inner width of 2 mm in order to be used with samples with lower volume than macro standard or semi-micro cells.
2| They are 45 mm height.

GLASS	UV QUARTZ	Path length	Inner width	Volume
HJK013	HJL013	10 mm	4 mm	0.50 mL

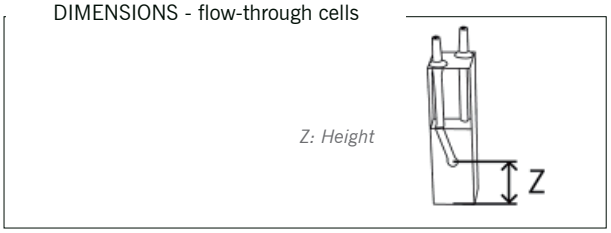
Micro with black walls and stopper

1| Included PTFE stopper these ones include, which seals the cells hermetically thus making them better for volatile fluids.
2| Their external height is 48 mm plus the stopper.

GLASS	UV QUARTZ	Path length	Inner width	Volume
HJK014	HJL014	5 mm	2 mm	0.25 mL
HJK015	HJL015	10 mm	2 mm	0.50 mL

Flow-through cells

DIMENSIONS - flow-through cells



1| Made of optical glass (G).
2| Are used in those spectrophotometrical applications that require a measuring range from 340 nm to 2.5 mm.
3| The cells present inlet and outlet tubes and two polished windows with a round aperture for the passage of the light beam.
4| Each model is supplied in a case with two units.

GLASS	Height (Z)	Path length	Ext.dimens (HxAxL)	Ø Aperture	Volume
HJK016	8.5 mm	10 mm	45x12.5x12.5 mm	3 mm	0.07 mL
HJK017	15 mm	10 mm	45x12.5x12.5 mm	3 mm	0.07 mL

Note: manufacturer reserves the right to modify features and photographies of the goods