



**TECHNICAL DATA
SHEET
FILTRATION
ASSEMBLY**



Valid for Catalog Number BLS.1400.01 to BLS.1400.02

1.1 Description: FILTRATION ASSEMBLY

1.2. Performance Specification:

Only glass and PTFE come in contact with the medium. Removable filter discs ensure easy cleaning, Slit-sieve disc included to hold filter papers and membrane filters (diameter 47 mm), Graduated filter head.

1.3 Material:

1.3.1. BOROSILICATE 3.3 as per ASTM 438

1.3.2. Chemical Resistant

2. Application:

2.1. BIOHALL filtering apparatus is made of high-quality borosilicate glass. Apart from the glass, the medium only comes into chemical contact with PTFE, hence apparatus can be used to filter virtually any chemical. The PTFE disc holder allows both glass filters of different porosities and slitsieve discs to

be used. Thanks to the range of porosities available with glass filters (10 µm – 160 µm), analytical filtration can be carried out in addition to coarse and fine filtration.

2.2. Filtering apparatus is suitable for filtration and purification of aqueous and organic solutions as well as for particulate contamination analysis and preparation of HPLC media.

2.3. Coarse and ultrafine filtration, filtration of HPLC media, residue analysis

2.4. All components available as replacement parts:

Description	Pack Quantity
PTFE adapter disc	1
Clamp (Anodized aluminum)	1
Funnel with 250 ml scale	1
Funnel with 500 ml scale	1
Extension NS 45/40	1
Filtering flask with NS 45 / 40, 1000 ml	1
Filtering flask with NS 45 / 40, 2000 ml	1
Plastic hose connection with silicone seal, straight, GL 14	10
Threaded cap, made of PBT, GL 14, aperture hole 9.5 mm	10
Glass filter disc, 50 mm in diameter, por. 2	1
Slit-sieve disc, diameter 48 mm	1
PTFE adapter NS 45/40 - GL 45 Standard ground joint 45/40, Thread GL45	1

3. Safety Instructions

3.1. Not suitable for use under pressure or in a vacuum

3.2. Please use with proper gear while handling chemicals