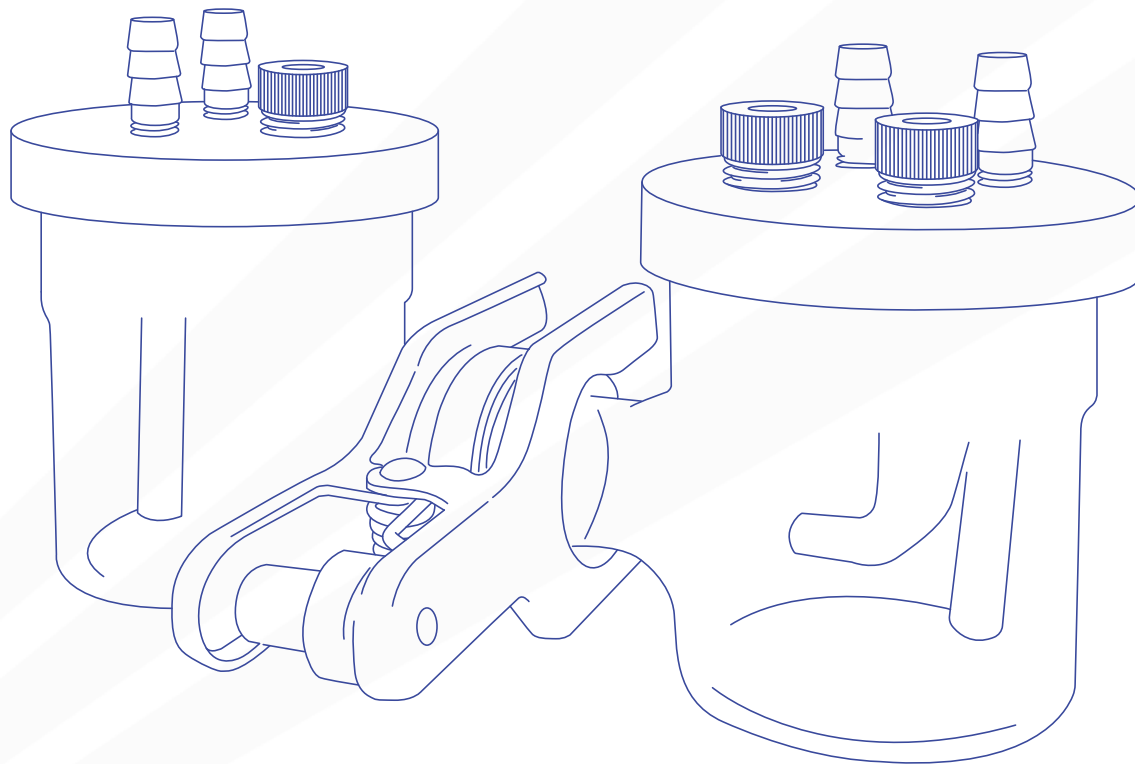


H-Cell

USER MANUAL

Manual version: 1.0.0

Product code: C2012C1 - C2012D1 - C2012E1 - C2012F1



Contents

1. Packing Lists	3
1.1 Packing List for C2012C1	3
1.2 Packing List for C2012D1	4
1.3 Packing List for C2012E1	5
1.4 Packing List for C2012F1	6
2. Specifications.....	7
2.1 Specifications for C2012C1	7
2.2 Specifications for C2012D1	8
2.3 Specifications for C2012E1	9
2.4 Specifications for C2012F1	10
3. Related Products	11

1. Packing Lists

1.1 Packing List for C2012C1

The standard items included with the C2012C1 H-type Electrochemical Cell are:

1. Borosilicate Glass wear Body x2
 - FKM fluororubber Internal Seal 38.5mm OD (3mm Dia cross section) on each
 - Screw Cap x2
 - Glass Frit Gas bubbler Elements x2 (one on both)
 - Polyoxymethylene (POM) Cell Electrode secure screw x3
 - Polyoxymethylene (POM) Gas Inlet/ outlet secure screw x4
2. 1m PTFE Tubing
3. PTFE Rod 3mm air inlet/ outlet stopper x4
4. PTFE Rod 6.2mm electrode stopper x3
5. Polyoxymethylene (POM) Closed Electrode Secure Screw x1
6. Pinch Clamp x1
7. FKM fluororubber O-ring OD 5.5mm & 10mm Extras
 - Silicone Seals 20mm diameter x2
8. PTFE White Tape x1



1.2 Packing List for C2012D1

The standard items included with the C2012D1 H-type Electrochemical Cell are:

1. Borosilicate Glass wear Body x2
 - FKM fluororubber Internal Seal 38.5mm OD (3mm Dia cross section) on each
 - Screw Cap x2
 - Glass Frit Gas bubbler Elements x2 (one on both)
 - Polyoxymethylene (POM) Cell Electrode secure screw x3
 - Polyoxymethylene (POM) Gas Inlet/ outlet secure screw x4
2. PTFE White Tape x1
3. PTFE Rod 6.2mm electrode stopper x3
4. PTFE Rod 3mm air inlet/ outlet stopper x4
5. Pinch Clamp x1
6. Silicone Seals 30mm diameter x2
 - FKM fluororubber O-ring OD 10mm Extras
 - FKM fluororubber O-ring OD 5.5mm Extras
7. Polyoxymethylene (POM) Closed Electrode Secure Screw x1
8. 1m PTFE Tubing



1.3 Packing List for C2012E1

The standard items included with the C2012E1 H-type Electrochemical Cell are:

1. Borosilicate Glass wear Body x2
 - FKM fluororubber Internal Seal 52mm OD (3mm Dia cross section) on each
 - Screw Cap x2
 - Glass Frit Gas bubbler Elements x2 (one on both)
 - Luggin Cappillary x1
 - Polyoxymethylene Cell Electrode inlet screw in adaptor x3
 - Polyoxymethylene Cell Gas Inlet screw in adaptor x4
2. Pinch Clamp x1
3. 1m PTFE Tubing
4. PTFE White Tape x1
5. Polyoxymethylene (POM) Closed Electrode Secure Screw x1
6. Silicone Seals 30mm diameter x2
 - FKM fluororubber O-ring OD 10mm Extras
 - FKM fluororubber O-ring OD 5.5mm Extras
7. PTFE Rod 3mm air inlet/ outlet stopper x4
8. PTFE Rod 6.2mm electrode stopper x3



1.4 Packing List for C2012F1

The standard items included with the C2012F1 H-type Electrochemical Cell are:

1. Borosilicate Glass wear Body x2
 - FKM fluororubber Internal Seal 58mm OD (3mm Dia cross section) on each
 - Screw Cap x2
 - Glass Frit Gas bubbler Elements x2 (one on both)
 - Luggin Capillary x1
 - Polyoxymethylene (POM) Electrode Secure Screw x3
 - Polyoxymethylene (POM) Gas inlet/outlet secure screw x4
2. PTFE Rod 3mm air inlet/ outlet stopper x4
3. PTFE Rod 6.2mm electrode stopper x3
4. 1m PTFE Tubing
5. PTFE White Tape x1
6. Polyoxymethylene (POM) Closed Electrode Secure Screw x1
7. Pinch Clamp x1
8. FKM fluororubber O-ring OD 5.5mm & 10mm Extras
9. Silicone Seals 30mm diameter x2



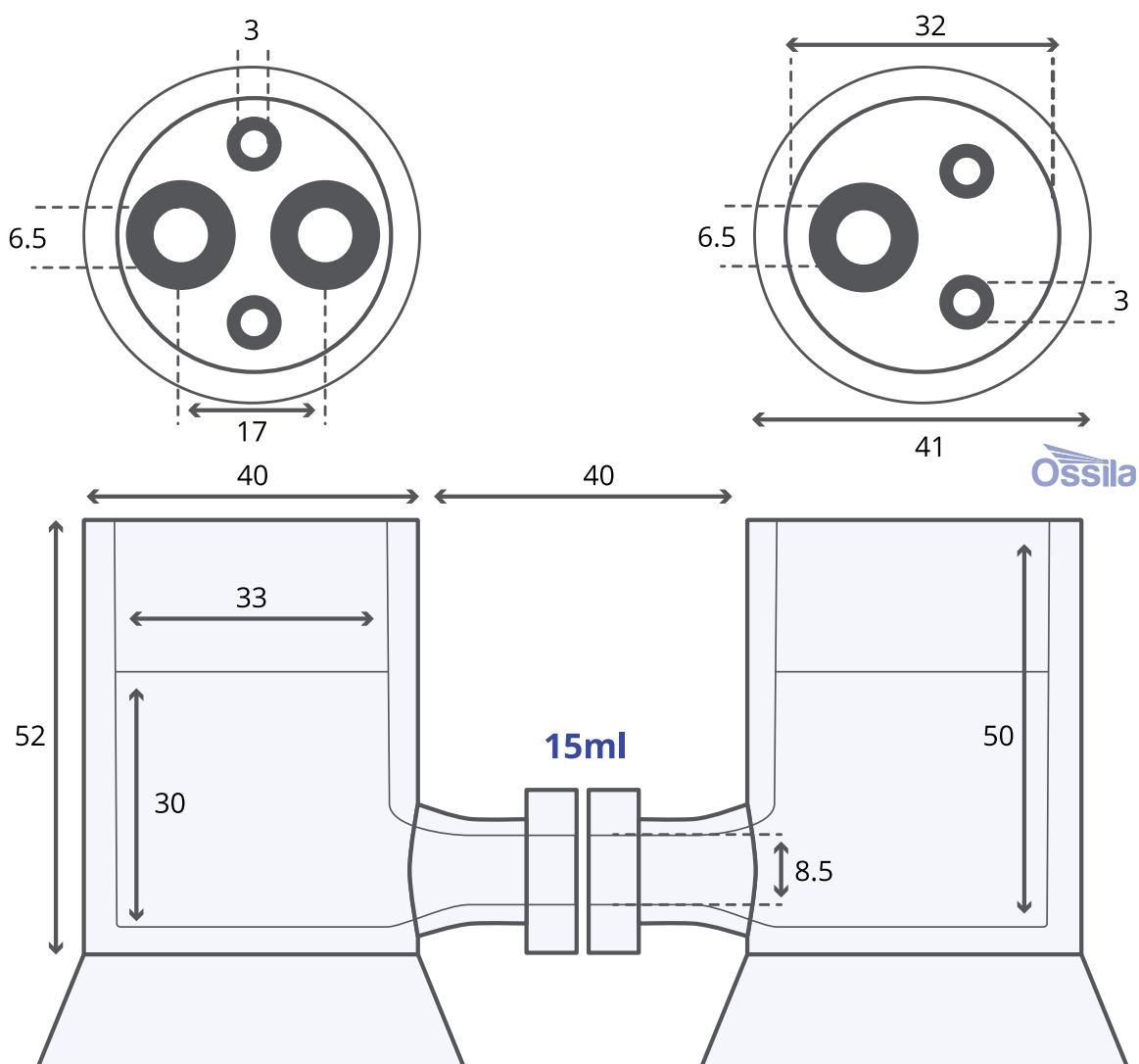
2. Specifications

The H-type Electrochemical Cell specifications are shown below.

2.1 Specifications for C2012C1

Table 2.1. H-type Electrochemical Cell specifications.

Volume	15 ml
Gas Inlet Size	3 mm
Electrode Inlet Size	6.5 mm

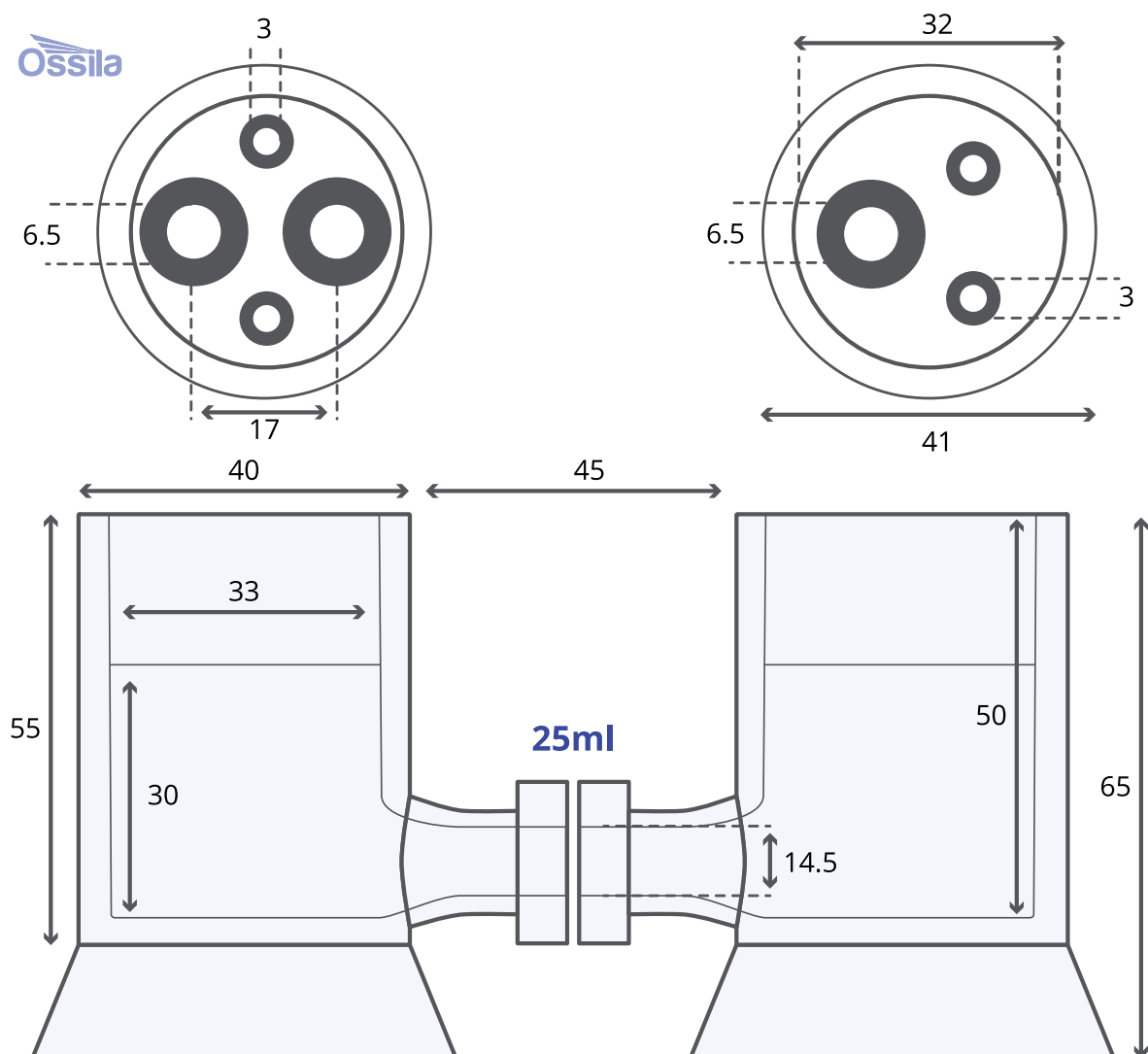


Standard Electrochemical Cell Dimensions (in mm)

2.2 Specifications for C2012D1

Table 2.2. H-type Electrochemical Cell specifications.

Volume	25 ml
Gas Inlet Size	3 mm
Electrode Inlet Size	6.5 mm

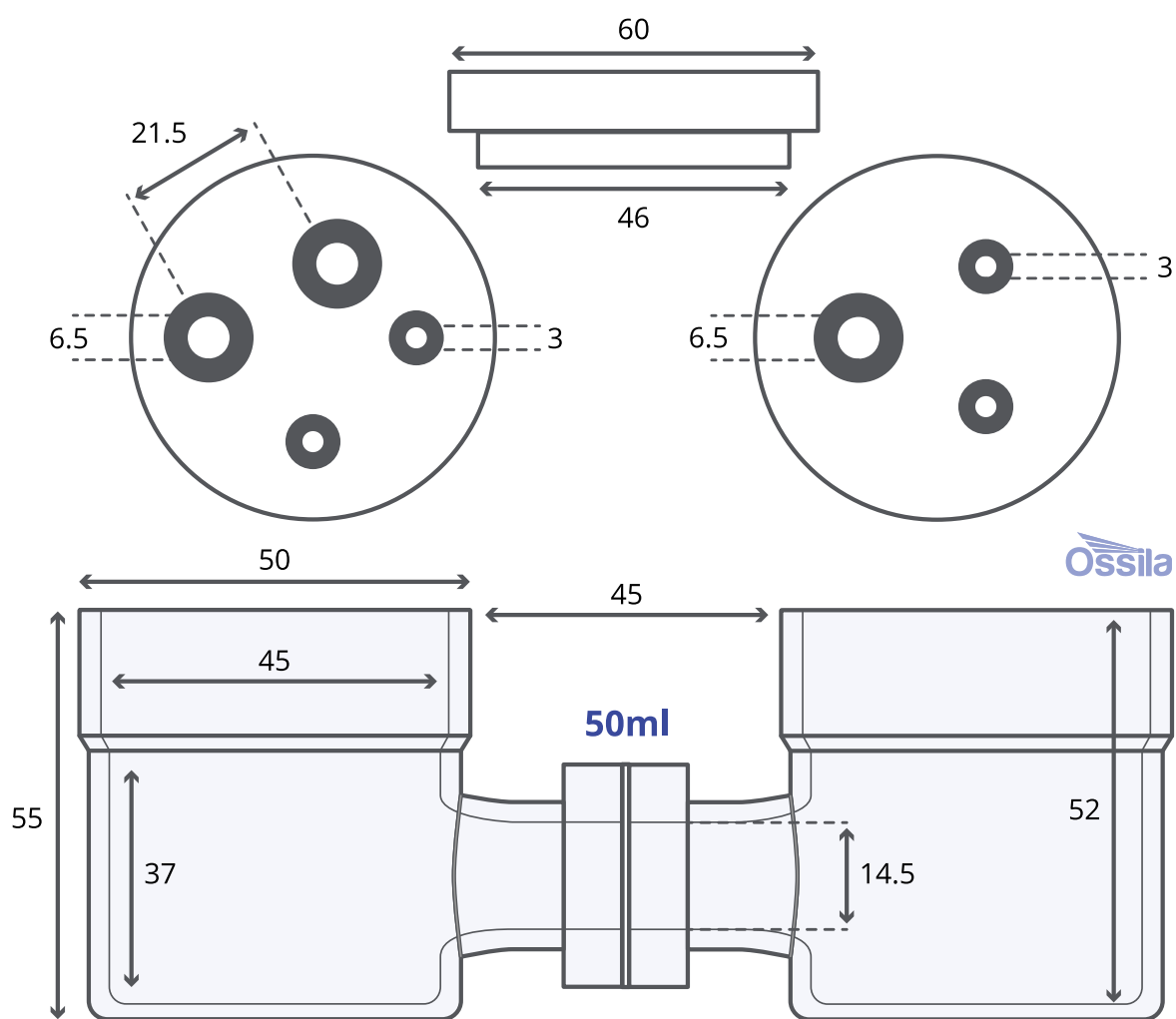


Standard Electrochemical Cell Dimensions (in mm)

2.3 Specifications for C2012E1

Table 2.3. H-type Electrochemical Cell specifications.

Volume	50 ml
Gas Inlet Size	3 mm
Electrode Inlet Size	6.5 mm

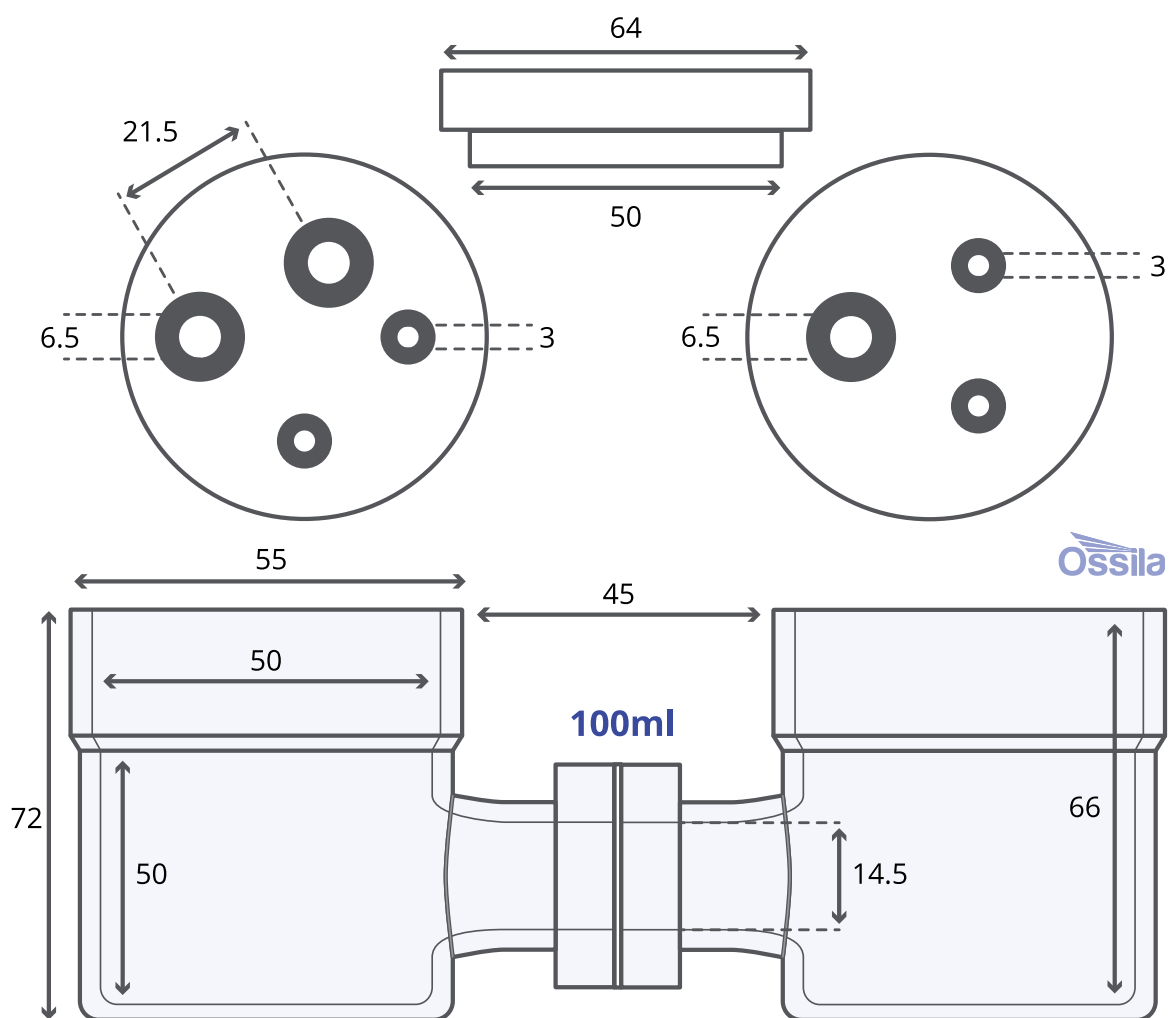


Standard Electrochemical Cell Dimensions (in mm)

2.4 Specifications for C2012F1

Table 2.4. H-type Electrochemical Cell specifications.

Volume	100 ml
Gas Inlet Size	3 mm
Electrode Inlet Size	6.5 mm



Standard Electrochemical Cell Dimensions (in mm)

3. Related Products



Potentiostat

Low Price Potentiostat for Cyclic Voltammetry and More

Product code: **T2006A1**



Platinum Wire Counter Electrode

Oxidation, solvent and acid resistant platinum wire counter electrodes

Product code: **C2014A1**



Ag/Ag⁺ Reference Electrodes

Non-aqueous Ag/Ag⁺ reference electrode suitable for cyclic voltammetry electrochemistry cells

Product code: **C2015A1**



L-Shaped Glassy Carbon Working Electrode

Perfect for use in standard electrochemistry cells for cyclic voltammetry and more

Product code: **C2013H1, C2013J1**