

# Top Supplies for Agilent 708-DS Dissolution Systems

Agilent technical experts have compiled a list of recommended supplies that you should consider using with your new instrument in order to keep your lab operational without any disruptions and to achieve optimal performance.

## Apparatus 1 – Rotating Basket



### Shafts

- **14-3613** Upper receptor shaft, 21 in. (total length when assembled)

### Basket shaft


- **14-3631** Basket shaft, lower interchangeable, 3-clip, USP

### Vessels

- **12-5149V** TruAlign vessel, 1L, clear  **(Top Recommendation)**
- **12-5149V** TruAlign vessel, 1L, clear, including certificate  **(Top Recommendation)**
- **12-1450** TruAlign vessel, 250 mL conversion kit, for Chinese Pharmacopeia (includes vessel, adapter, two-piece mini paddle, evaporation cover and manifold adapter), set of 6



### Baskets

- **12-2100V** Basket, USP, 40-mesh  **(Top Recommendation)**
- **12-2100V** Basket, USP, 40-mesh with certificate  **(Top Recommendation)**



### Thermal paper

- **G7910-87002** Thermal printer paper for use with 708-DS, 10 Shafts rolls/pk




### Cannulas

- **12-3222** Bent cannula with adjustable gauge 7.75 in. 708-DS



### Filters

- **17-4000** Full Flow Filter UHMWPE, blue, 10 µm, 100/pk
- **17-4005** Full Flow Filter UHMWPE, blue, 10 µm, 1000/pk  **(Top Recommendation)**



## Apparatus 2 – Rotating Paddle

### Shafts

- **14-3613** Upper receptor shaft, 21 in. (total length when assembled)



### Paddles

- **14-3603** lower interchangeable paddle, electropolished stainless steel, 1L **👉 (Top Recommendation)**
- **14-3609** lower interchangeable paddle, Diamond Like Carbon (DLC)-coated, 1L **👉 (Top Recommendation)**



### Vessels

- **12-5149V** TruAlign vessel, 1L, clear **👉 (Top Recommendation)**
- **12-5149V** TruAlign vessel, 1L, clear, including certificate **👉 (Top Recommendation)**
- **12-1450** TruAlign vessel, 250 mL conversion kit, for Chinese Pharmacopoeia (includes vessel, adapter, two-piece mini paddle, evaporation cover, and manifold adapter), set of 6



### Thermal paper

- **G7910-87002** Thermal printer paper for use with 708-DS, 10 Shafts rolls/pk



### Cannulas

- **12-3222** Bent cannula with adjustable gauge 7.75 in. 708-DS



### Filters









- **17-4000** Full Flow Filter UHMWPE, blue, 10 µm, 100/pk
- **17-4005** Full Flow Filter UHMWPE, blue, 10 µm, 1000/pk **👉 (Top Recommendation)**



### Sinkers

- **12-3000** Capsule weight wire, 316 stainless steel, 0.032 in. dia., 50 ft.
- **12-3050** Capsule weight, 3-prong
- **12-3070** Sinker basket, Japanese Pharmacopoeia (JP)



Part Number	Description	Apparatus	Reason to Use	Recommended Quantity on Lab Safety Stock
14-3613	Upper receptor shaft, 21 in. (total length when assembled)	708-DS App 1 and 2	Easy to corrode	1
14-3631	Basket shaft, lower interchangeable, 3-clip, USP	708-DS App 1	Easy to corrode	1
12-2100V	Basket, USP, 40-mesh  (Top Recommendation)	708-DS App 1	Easy to corrode or bend	1
12-2100V	Basket, USP, 40-mesh, includes CoA  (Top Recommendation)	708-DS App 1	Easy to corrode or bend, CoA	
14-3603	Lower interchangeable paddle, electropolished stainless steel, 1 L  (Top Recommendation)	708-DS App 2	Easy to corrode or bend	1
14-3609	Lower interchangeable paddle, DLC-coated, 1L  (Top Recommendation)	708-DS App 2	The superior Diamond Like Carbon (DLC)-coating can withstand typical Dissolution test and cleaning procedures without getting damaged over time like we see for PTFE-coated paddles	1
12-5149V	TruAlign vessel, 1 L, clear  (Top Recommendation)	708-DS App 1 and 2	Easy to break or scratch	1
12-5149V	TruAlign vessel, 1 L, clear, includes CoA  (Top Recommendation)	708-DS App 1 and 2	Easy to break or scratch, CoA	1
12-1450	TruAlign vessel, 250 mL conversion kit, for Chinese Pharmacopeia (includes vessel, adapter, two-piece mini paddle, evaporation cover and manifold adapter), set of 6	708-DS App 2	Conversion kit to use small vessels for Chinese Pharmacopeia	1
12-3222	Bent cannula with adjustable gauge 7.75 in. 708-DS	708-DS App 1 and 2	Easy to bend, lose, or corrode	1
17-4000	Full Flow Filter UHMWPE, blue, 10 µm, 100/pk  (Top Recommendation)	708-DS App 1 and 2	One-time use consumables, one per Dissolution test	1
17-4005	Full Flow Filter UHMWPE, blue, 10 µm, 1000/pk  (Top Recommendation)	708-DS App 1 and 2	One-time use consumables, one per Dissolution test, convenience pack	1
12-3000	Capsule weight wire, 316 stainless steel, 0.032 in. dia., 50 ft.	708-DS App 2	Easy to corrode or lose	1
12-3050	Capsule weight, 3-prong	708-DS App 2	Easy to break or lose	1
12-3070	Sinker basket, Japanese Pharmacopoeia (JP)	708-DS App 2	Easy to bend, lose, or corrode	1
G7910-87002	Thermal printer paper for use with 708-DS, 10 rolls/pk	708-DS App 1 and 2	Consumable to print report with printer option for 708-DS	1

Part Number	Description	Apparatus	Reason to Use	Recommended Quantity on Lab Safety Stock
5191-5923	Syringe filter, PES, 25 mm, 0.45 µm, 1000/pk	—	The dissolution test requires secondary filtration to avoid secondary dissolution and prevent contamination of the column and system	1
5185-5824	Cap, screw, blue, bonded pre-slit PTFE/silicone septa, 100/pk. Cap size: 12 mm	—	Pre-slit septa can prevent the septum from coring when the needle is sampling	1
5190-9589	A-Line screw top vial, 2 mL, clear, write-on spot, 100/pk. Vial size: 12 x 32 mm (12 mm cap)	—	The highest purity glass to reduce the interference of metal ions on glass surface with sample	1

For more Supplies, please refer to [5994-0388EN](#): Agilent 708-DS Dissolution Apparatus (6-position/G7910A and 8-position/G7911A) Supplies Quick Reference Guide.

Learn more:

[www.agilent.com/en/product/dissolution-testing](http://www.agilent.com/en/product/dissolution-testing)

DE42145719

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 Printed in the USA, February 15, 2023  
 5994-5754EN