

Testing of Electropolished Stainless Steel Accessories

Provided to Help You Get the Most from Your Agilent Dissolution Products!

All Agilent dissolution accessories (shafts, paddles, basket shafts, baskets) are made entirely of USP compatible stainless steel. We continually review our material specifications, production and inspection procedures to provide an even better corrosion resistance.

Agilent's current acceptance testing for a batch of accessories includes:

1. the dipping/stirring of the parts in 0.1N HCl for 1 hour
2. leaving the acid to dry on the part for 12 hours
3. visual inspection after wiping with a cloth.

Parts are deemed acceptable when no discoloration, spots or rust can be seen.

While more corrosion *resistant* than less expensive grades of steel, no stainless steel is corrosion *proof*! When using stainless steel accessories with corrosive materials such as hydrochloric acid or media containing salts, we strongly advise rinsing them thoroughly with deionized water immediately after each use, and to dry thoroughly with a soft towel or cloth.

An option is to obtain Teflon coated or PEEK accessories, which will show better performance in more aggressive media (particularly in long tests). These accessories should also be considered when immediate rinsing with DI water isn't possible.

More information on the complete line of dissolution accessories can be found at:

http://read.nxtbook.com/agilent/source_book/dissolution_systems_2017_2018/dissolution_accessories.html

Agilent Sites and Services for Your Dissolution Workflow



Agilent Dissolution Systems Digital Source Book
www.nxtbook.com/nxtbooks/agilent/dissolution_sourcebook/index.php

Dissolution Exchange
www.dissolution.chem.agilent.com

Dissolution 1-on-1 Training
www.dissolution.chem.agilent.com/learn-dissolution-1-on-1

Dissolution Hotline (Email Address)
dissolution.hotline@agilent.com

Dissolution Discussion Group (DDG)
www.dissolution.com