

Paddle / Basket Shaft Use & Care Tips

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

You've just made a significant investment in dissolution accessories. The care you give them will determine their useful lives and will have an influence on your results. We urge you to follow this simple set of basic guidelines to keep them in perfect condition and to maximize their efficiency:

1. All of our paddles and basket shafts are made entirely of stainless steel. While more corrosion *resistant* than less expensive grades of steel, no stainless steel is corrosion *proof*! When using them with corrosive materials such as hydrochloric acid or media containing salts, be sure to rinse them thoroughly with de-ionized water immediately after each use, and dry thoroughly with a soft towel or cloth.
2. Do not clean with abrasive cleansers or cloths. Use deionized water whenever possible. If you must use a cleanser or solvent, ensure it is mild, nonabrasive, and fully compatible with fluorocarbons and stainless steel. If in doubt, contact Agilent's Service Department for advice before proceeding.
3. We recommend that you do not use a laboratory dishwasher. Clean the shafts only by hand. The high temperatures to which your paddles would be subject in a dishwasher may damage the fluorocarbon coating.
4. Be sure to handle with care. Our QC Department has checked the shafts for straightness, to ensure that they will operate without significant wobble. If you must clean or handle the shafts while they are still mounted on the instrument, use minimal pressure on the shaft to prevent them from bending. While in the dissolution spindle assembly, slight pressure on the shaft—especially near the blade—can easily bend the shaft and cause significant wobble. Use care when removing vessels from the tester while the paddles are installed so that you do not bump them.
5. Please store the shafts properly between uses. Do not place these paddles in a drawer where they will be subject to nicks, chips, and scratches as they bump against each other. Place them back into the original packaging or other appropriate container between uses. This will prevent them from coming into contact with each other or anything else in the storage area.

Following the preceding guidelines will help ensure that you get the most out of your dissolution accessories and most importantly, the best results from your dissolution apparatus!