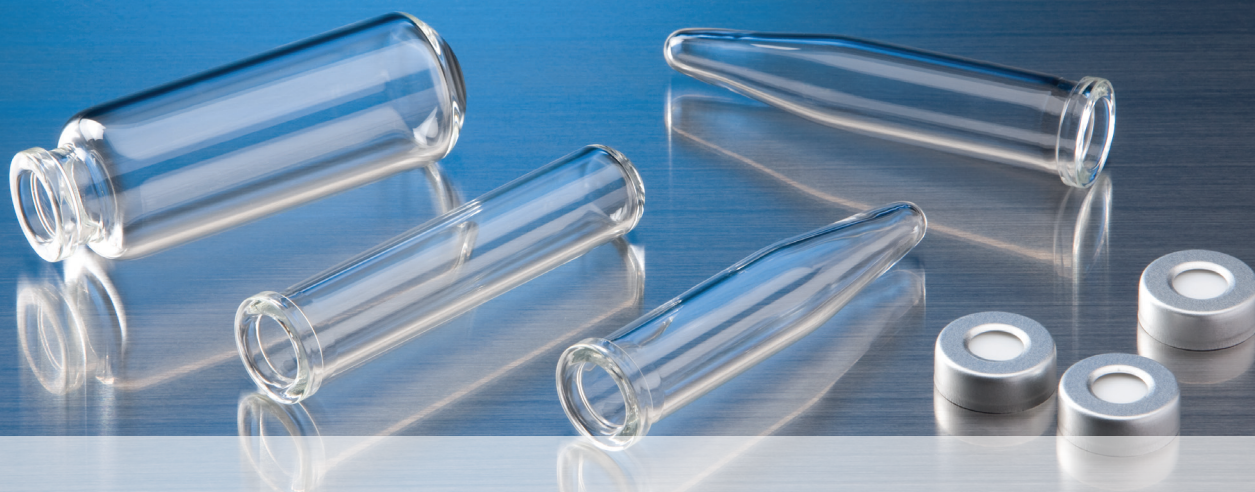




KX Microwave Vials

Microwave Vials for use with Initiator® Systems from Biotage®



Microwave Vials

- 0.5-2, 2-5 and 10-20ml (EXP system only) vials
- Rated to a working pressure of 30bar (3MPa / 435psi)¹
- Compatible with full operating temperature range of the Initiator®, 40-300°C²
- Manufactured from contamination free 1st class hydrolytic borosilicate glass
- Re-sealable septa for multiple reagent additions and reaction monitoring

Introduction

The use of microwaves is a common approach to decreasing reaction times in organic synthesis. In particular, reactions times using Pd, Pt or other metal catalysts can be reduced significantly. Using vials optimised for such conditions allows reactions to be performed at temperatures above the boiling point of the solvent used – this cannot be performed using standard reaction devices, e.g. under reflux.

Compatibility and Quality

KX Microwave Vials from Kinesis are the high quality cost effective alternative for use with the Initiator® systems from Biotage®. KX Microwave Vials can be used at temperatures of up to 300°C² and a working pressure of up to 30bar (even over extended reaction times).

All KX Microwave Vials are manufactured from high quality glass which does not contaminate reaction mixtures.

KX Microwave Vials

Re-sealable Silicone/PTFE Crimp Caps

The use of re-sealable silicone/PTFE septa allows the multiple addition of reagents and sampling to monitor reaction progress (whilst maintaining sealed reaction conditions). All KX Microwave Vials are supplied with 20mm crimp caps; additional crimp caps are available in a cost effective pk/1000.

Stirrer Bars

Kinesis offer stirrer bars for all KX Microwave Vials. The PTFE coated stirrer bars ensure a homogeneous reaction mixture, ensuring reactions are driven to completion in the minimum time.

Samples

Samples of all KX Microwave Vials are readily available. Please call +44 (0)1480 212122, e-mail sales@kinesis.co.uk or go online at www.kinesis.co.uk/KX-MicrowaveVials

Crimping and Decapping Options

Kinesis offers tools for crimping and decapping KX Microwave Vials. The crimping tool is fully compatible with KX Microwave Vials, providing securely crimped vials.



Part Number	Description	Pack Size
<i>Vials and Caps</i>		
VMW02-C-100	KX Microwave Vials, 0.5 – 2ml with cap	100
VMW05-C-100	KX Microwave Vials, 2 – 5ml with cap	100
VMW20-C-50	KX Microwave Vials, 10 – 20ml with cap	50
CMW20-04B	Silicone/PTFE Crimp Caps, 20mm	1000
<i>Stirrer Bars</i>		
SB-02	PTFE Stirrer Bar for 0.5 – 2ml Vial	25
SB-05	PTFE Stirrer Bar for 2 – 5ml Vial	25
SB-20	PTFE Stirrer Bar for 10 – 20ml Vial	5
<i>Crimper and Decapper</i>		
CRT-20	Crimping Tool (20mm)	EACH
DCT-20	Decapper Tool (20mm)	EACH

¹Pressure range is 0-20 bar for the 10-20ml vial

²Temperature range is 40–250°C for the 10-20ml vial

Kinesis acknowledge all trademarks and registered trademarks.

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