

September 1, 2015

To valued customers,

### Notification for discontinuation of guard cartridges and introduction of alternative products

We would like to thank you for using YMC products.

This note serves as notice to inform you that we will discontinue analytical guard cartridges listed below effective March 31, 2016. We would like to offer replacement products. Please kindly refer to the product numbers seen below for your future purchase.

We are sorry for this inconvenience and we appreciate your understanding and acceptance of the replacement. Unfortunately termination of supply of the guard cartridge hardware has forced this decision. Please contact your local YMC office to obtain more information on the new guard cartridge system.

#### Cross reference table

Product description	Current cartridge system (Discontinue)		New cartridge system (Replacement)	
	Cartridge	Holder	Cartridge*	Holder*
Guard cartridge for 1.0 mml.D. column	10 X 1.0 mml.D. XXXXXX-0101CC	Semi-micro guard cartridge holder XPCHSMW	10 X 1.0 mml.D. <b>XXXXXX-0101GC</b>	<b>Guard cartridge holder XPGCH-Q1</b>
Guard cartridge for 1.5 mml.D. column	10 X 1.5 mml.D. XXXXXX-01P5CC		10 X 1.0 mml.D. <b>XXXXXX-0101GC</b>	
Guard cartridge for 2.0 and 2.1 mml.D. column	10 X 2.0 mml.D. XXXXXX-0102CC		10 X 2.1 mml.D. <b>XXXXXX-01Q1GC</b>	
Guard cartridge for 3.0 mml.D. column	/		10 X 3.0 mml.D. <b>XXXXXX-0103GC</b>	
Guard cartridge for 4.0 - 6.0 mml.D. column	23 X 4.0 mml.D. XXXXXX-G304CC	Guard cartridge holder XPCHW	10 X 4.0 mml.D. <b>XXXXXX-0104GC</b>	

Upper: Product dimension

Bottom: Product number (XXXXXX: Packing material code; the same code as a main column can be applied.)

\* 20 mm length type is also available. When using 20 mm length type, a different holder (product number: XPGCH-Q2) is required.