



Enzymatic Detergents Validated for Use with PINNACLE Monitor for Manual Baths

Detergent Manufacturer	Detergent Evaluated	Manufacturer Recommended Temperature Range ¹	Manufacturer Recommended Use Dilution ¹
ASP®	Enzol®	"Warm Water"	1 – 2 oz./gal.
Borer	Deconex® PowerZyme	35°– 40°C	½ – 1 oz./gal.
Certol®	Pro EZ AW Quad™	32°– 43°C	½ oz./gal.
Certol®	ProEZ 1™	32°– 40°C	1 – 2 oz./gal.
Certol®	ProEZ 2™	32°– 40°C	½ – 1 oz./gal.
Enzyme Solutions® ²	Medical Enzyme Detergent	Tap water >27°C	1 oz./gal. ²
Getinge ³	Renuzyme Ultra	18 – 60 ° C	¼ - ½ oz/gal ³
International Products Corporation	Zymit® Low-foam Enzyme Cleaner	-----	1 – 2 %
International Products Corporation	Zymit® Pro Enzyme Cleaner	Less than 52 °C	1 – 2 %
Medisafe®	3E-Zyme	35°– 40°C	½ – 1 oz./gal.
Medline	Dual Enzymatic Detergent	"Warm Water"	1 – 2 oz./gal.
Metrex™	Empower®	20°– 40°C	1 oz./gal.
Metrex™	Metrizyme®	20°– 40°C	1 oz./gal.
Packers Chemical	EZ-360	35°– 60°C	0.7 – 2.5 oz./gal.
Pro-Line Solutions ⁴	Ecozyme™ Auto	"warm water"	1/8 – 1/2 oz/gal ⁴
Pro-Line Solutions ⁵	Ecozyme™ Ultra	"warm water"	1/4- 1 oz/gal ⁵
Ruhof	Endozime®	"warm water"	1 oz./gal.
Ruhof	Endozime® AW Triple Plus w/APA	"works at all temperatures"	½ oz./gal.
Ruhof	Endozime® AW Plus	-----	½ oz./gal.
Ruhof	Endozime® Xtreme Power	"works at all temperatures"	1/8 oz./gal.
Steris® Corporation	Prolystica®	Do Not Exceed 55°C	1/8 – ½ oz/gal.
Steris® Corporation	Valsure® Enzymatic Detergent	Do Not Exceed 60°C	1 oz/gal
Surgiclean®	SurgiSoak®	Less than 65°C	1 oz/gal.

Please see notes about specific detergents on the reverse side of this listing.

¹Use specific: See Manufacturers Instruction for additional information on temperature range and dosage. AAMI ST79 recommended range: 27 – 44°C.

Detergent Testing Notes

²This detergent was validated for use with the Pinnacle Monitor for Manual Baths using 1 ounce detergent per gallon of tap water with a temperature greater than 27°C.

³This detergent was validated for the Pinnacle Monitor for Manual Baths using ¼ ounce detergent per gallon with a temperature of 40 °C and ½ ounce per gallon at 27 °C – 44°C.

⁴This detergent was validated for the Pinnacle Monitor for Manual Baths using 1/2 ounce detergent per gallon with a temperature of 27 °C and 0.3 – 1/2 ounce per gallon at 44°C.

⁵This detergent was validated for the Pinnacle Monitor for Manual Baths using ½ - 1 ounce detergent per gallon with a temperature of 27 °C and 0.3 – 1 ounce per gallon at 44°C.

This listing is a work in progress; if a detergent does not appear on the list it may not have been tested. Please call Serim at 1-800-542-4670 for additional information.

Serim's PINNACLE MEC is used to test for active enzymes in manual cleaning solutions. Please review both detergent and instrument IFU's for recommended cleaning instructions.

Serim Research Corporation has no endorsement from the companies included in this listing.