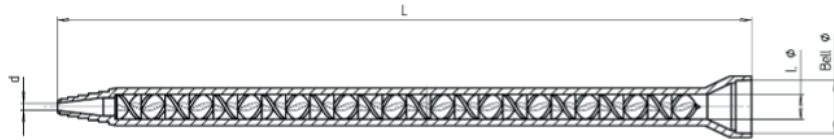


MIXPAC™ STATOMIX MS- AND ME-SERIES



Product Description:






- MS 05-XXY and MS 06-XXY
- ME 05-XXY and ME 06-XXY



XX= Number of mixing elements
Y= Outlet Type

Feature	Description	Product Parameters	Visualisation
Diameter	<ul style="list-style-type: none"> • Nominal diameter of the mixing element. • Defines the flow resistance and shear rate. 	<ul style="list-style-type: none"> • MS 05-XXY: 5 mm • ME 05-XXY: 5 mm • MS 06-XXY: 6 mm • ME 06-XXY: 6 mm 	
Inlet	<ul style="list-style-type: none"> • Bell Inlet geometry compatible with majority of semi-automatic and automatic Meter Mix (MMD) equipment. 	<ul style="list-style-type: none"> • Bell Inlet I. D.: • MS: 16.7 mm • ME: 15.9 mm 	
	<ul style="list-style-type: none"> • Adapter ring for MS to ME conversion. 	<ul style="list-style-type: none"> • AD 17-16 (101489) 	
Outlet	<ul style="list-style-type: none"> • Variety of mixer outlet geometries can help to obtain the desired dispensing pattern. • Depending on the mixer family and type, the following outlets can be provided: <ul style="list-style-type: none"> • Stepped (T) • Threaded (G) • Straight (D) • Luer (L) 	<ul style="list-style-type: none"> • MS 05-XXY & ME 05-XXY <ul style="list-style-type: none"> • Stepped (T) • O. D.: 1.5 mm • ME 06-XXY <ul style="list-style-type: none"> • Stepped (T) • O. D.: 1.9 mm • MS 06-XXY <ul style="list-style-type: none"> • Stepped (T) • O. D.: 1.9 mm • Straight (D) <ul style="list-style-type: none"> • O. D.: 4.5 mm • Luer (L) <ul style="list-style-type: none"> • O. D.: 1.9 mm 	
	<ul style="list-style-type: none"> • Using Luer Lock adapters, different mixing needles could be used for precise dispensing operations. 	<ul style="list-style-type: none"> • MS 05-XXY & ME 05-XXY <ul style="list-style-type: none"> • LA 05-00 (102356) • MS 06-XXY & ME 06-XXY <ul style="list-style-type: none"> • LA 06-08 (102357) 	



Feature	Description	Product Parameters	Visualisation
Elements	<ul style="list-style-type: none"> Number of mixing elements directly affects the mixing quality. The number of layered A/B adhesive components are calculated as 2ⁿ layers for <i>n</i> number of mixing elements. 	<ul style="list-style-type: none"> MS 05-XXY <ul style="list-style-type: none"> 24, 32 elements Yellow Polyacetal (POM) ME 05-XXY <ul style="list-style-type: none"> 24, 32 elements Blue Polyacetal (POM) MS 06-XXY <ul style="list-style-type: none"> 18, 24, 32, 48, 56 elements Yellow Polyacetal (POM) ME 06-XXY <ul style="list-style-type: none"> 24, 32, 48 elements Blue Polyacetal (POM) 	  
	<ul style="list-style-type: none"> Machine mixer elements are subjected to higher mechanical loads and therefore need to be made of polymers with superior mechanical properties. 	<ul style="list-style-type: none"> Polyacetal (POM) elements ensure higher pressure resistance and longer operation at elevated Temperatures. 	 

MIXER SPECIFIC PROPERTIES



Feature	Description	Product Parameters	Visualisation
Waste Volume	<ul style="list-style-type: none"> Waste volume is defined as the remaining liquid inside the mixer housing after the usage. Waste volume is calculated as the total volume trapped between the two indicated limits. 	<ul style="list-style-type: none"> MS 05-24T: 2.3 mL MS 05-32T: 2.8 mL MS 06-18T: 3.8 mL MS 06-24T: 4.2 mL MS 06-32T: 6.6 mL MS 06-48T: 10.0 mL MS 06-56D: 11.0 mL MS 06-56L: 11.0 mL <ul style="list-style-type: none"> ME 05-24T: 2.3 mL ME 05-32T: 2.8 mL ME 06-24T: 4.2 mL ME 06-32T: 6.6 mL ME 06-48T: 10.0 mL 	
Maximum operating pressure	<ul style="list-style-type: none"> The values show the maximum allowed pressure under which the mixers can be used ⁽¹⁾ ⁽²⁾ 	<p>At Room Temperature:</p> <ul style="list-style-type: none"> MS 05-24T: 60 bar/870 psi MS 05-32T: 60 bar/870 psi MS 06-18T: 55 bar/798 psi MS 06-24T: 55 bar/798 psi MS 06-32T: 55 bar/798 psi MS 06-48T: 55 bar/798 psi MS 06-56D: 55 bar/798 psi MS 06-56L: 55 bar/798 psi <ul style="list-style-type: none"> ME 05-24T: 60 bar/870 psi ME 05-32T: 60 bar/870 psi ME 06-24T: 55 bar/798 psi ME 06-32T: 55 bar/798 psi ME 06-48T: 55 bar/798 psi <p>At 40 °C:</p> <ul style="list-style-type: none"> MS 05-24T: 50 bar/725 psi MS 05-32T: 50 bar/725 psi MS 06-18T: 47 bar/681 psi MS 06-24T: 47 bar/681 psi MS 06-32T: 47 bar/681 psi MS 06-48T: 47 bar/681 psi MS 06-56D: 47 bar/681 psi MS 06-56L: 47 bar/681 psi <ul style="list-style-type: none"> ME 05-24T: 50 bar/725 psi ME 05-32T: 50 bar/725 psi ME 06-24T: 47 bar/681 psi ME 06-32T: 47 bar/681 psi ME 06-48T: 47 bar/681 psi 	

⁽¹⁾ Compatibility with the dispensed fluid and usage conditions must be verified for the specific customer application.

⁽²⁾ High quality and matching safety shrouds are available for use with Statomix™ type ME & MS mixers.

More detailed information can be requested from your local sales representative.

IMPORTANT: For health and safety reasons, shrouds must be used at all times.

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