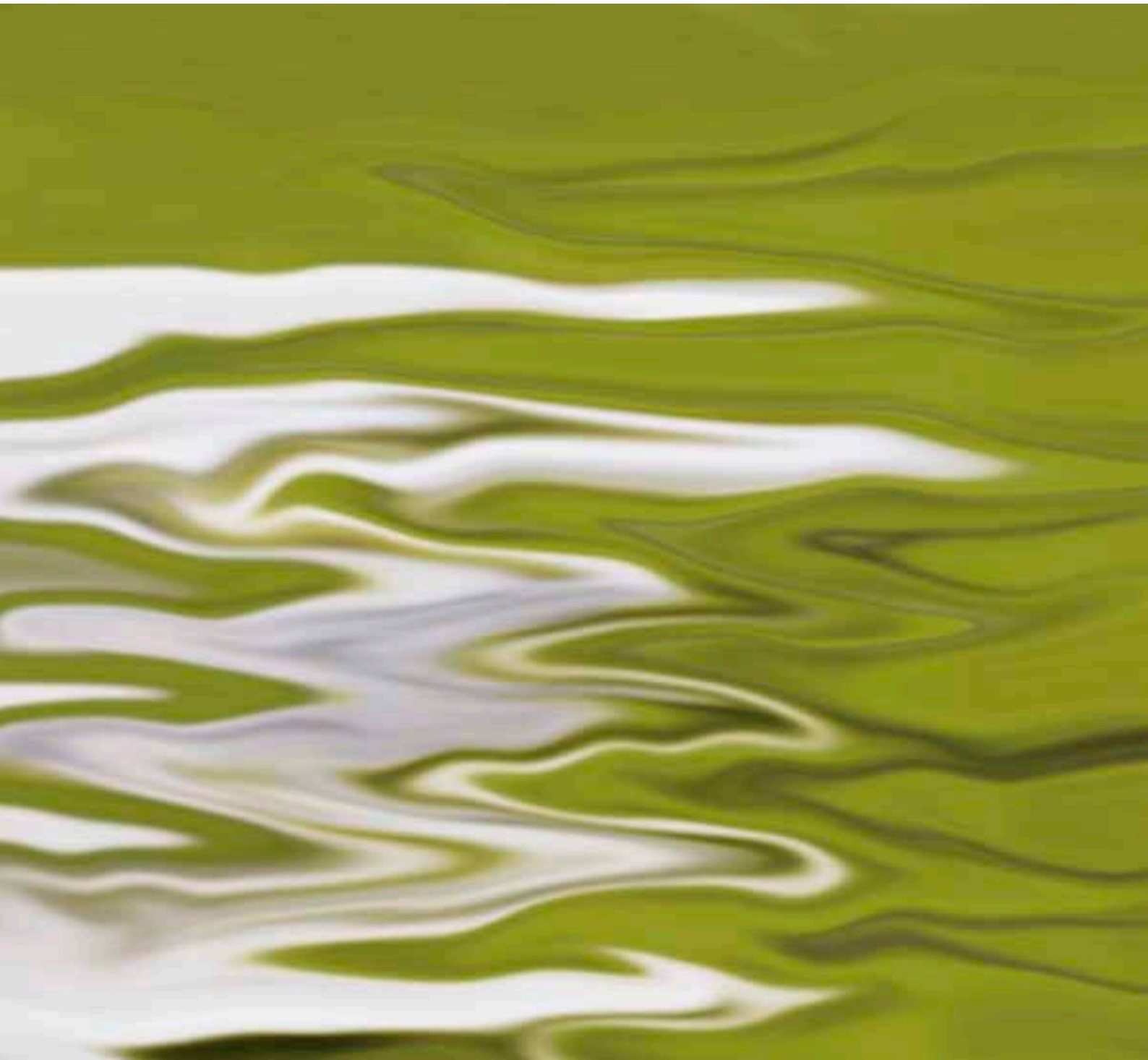


**Sulzer Mixpac systems for
2-component adhesives**

Metering – Mixing – Dispensing
For Industry Applications up to 20 L



Sulzer Mixpac for Lower Costs and Improved Quality in Adhesive Applications in Industry

Lower production costs, simplification of the use of adhesives, and reproducible bonding results are the advantages that make the MIXPAC™ PAM DX metering system unique when it comes to dispensing of large amounts of 2-component adhesives and sealants in industry.

The unique range of PAM DX systems from Sulzer Mixpac has already proved its worth in the bulk dispensing of 2-component adhesives and sealants in industry. Typical application areas include assembly lines and portable applications for which conventional cartridge systems are no longer economical. The system consists of a portable, refillable DXH manual dispenser and a DXR refilling station. The DXBG table-top dispenser is the latest addition to the PAM™ DX product line.



Reduced Production Costs

The user benefits from a significant reduction in production costs. This is achieved partly by the use of the portable DXH dispenser, and partly by the cost benefits gained by purchasing the adhesives and sealants in bulk.

Precise Working

The compact and practical geometry and the simple and safe operation contributes towards extremely high levels of metering precision.

Clean Working

In essence, the dispenser consists of a pneumatic drive unit, two dispensing plungers and two refillable component containers. The fact that the components are kept separate until they reach the static mixer means there is no cross contamination at the point where the outlet from the applicator meets the inlet to the mixer. A wide range of mixing ratios are available.

Simple Operation

An easy to use refilling station enables the dispenser to be safely and simply refilled without any air pockets.

Ecological Solution

With its two refillable material containers, the PAM™ DX system satisfies the latest requirements for a sustainable, ecological solution.

System Overview

MIXPAC™ PAM system – DX series DXBG table-top dispenser

2-component dispenser
Container up to 16 L



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MIXPAC™ PAM system – DX series DXR refilling station

2-component refilling station
Container volumes of up to 30 L per component



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MIXPAC™ PAM system – DX series DXH dispenser

2-component dispenser
Container up to 1.2 L



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MIXPAC™ PAM System – DX Series DXBG Table-Top Dispenser

The PAM DXBG table-top dispenser is a versatile and low-cost dispensing system for a wide range of low viscosity 2-component materials. The system combines the use of gravity with the vacuum generated by the system to pull material from the containers into the integrated DX dispenser which feeds them through the static mixer to dispense.

Features

- **Reduced Production Costs**
 - Uses bulk
 - Practically maintenance-free
 - Quickly refillable containers
- **Easy to Use**
 - No cross contamination
 - Hands-free operation
 - Widely adjustable water column
 - Simple, clean and safe
- **Reproducible Processes**
 - Fixed, precise, mixing ratio
 - Drop or bead dispensing available
 - Fixed shot volume can be selected and changed
 - Reproducible dispensing results
- **Suitable for**
 - Low visc epoxies and acrylics
 - Casting resins
 - Silicone
 - PUR and PU



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PAM DXBG Table-Top Dispenser: Technical Data

Type of metering pump	Hydraulic plunger pump				
Available volumetric mixing ratios (fixed) (other mixing ratios on request)	1 : 1	1.5 : 1	2 : 1	4 : 1	10 : 1
Max. volume per stroke DXBG-3	26 mL	27 mL	27 mL	25 mL	25 mL
Max. volume per stroke DXBG-4	53 mL	50 mL	51 mL	53 mL	47 mL
Maximum output pressure (approx.)	36 bar (530 psi)				
Capacity of component containers A/B	8 liters each				
Container material	Polypropylene (PP)				
Mixer connection	For original Sulzer Mixpac MF/MFX mixer				
Mixer sizes (diameter)	6, 8, 10 and 13 mm				
Viscosity	Low to medium (self-flowing)				
Required air pressure	Max. 6 bar (max. 87 psi)				
Compressed air consumption per cycle (complete discharge and intake stroke) DXBG-3	0.0027 m ³ at 6 bar (0.09 scf)				
Compressed air consumption per cycle (complete discharge and intake stroke) DXBG-4	0.0058 m ³ at 6 bar (0.20 scf)				
Weight (empty)	Approx. 27 kg				
Height	Approx. 920 mm				

Subject to change



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MIXPAC™ PAM System – DX Series DXR Refilling Station and DXH Dispenser

This innovative dispensing system from Sulzer Mixpac offers the benefits of PAM Point of Application Metering: high levels of efficiency and low costs for a wide range of demanding 2-component adhesive and sealant applications.

Its simple operation means the PAM DXR refilling station is able to quickly and safely refill the DXH dispenser. This unique system is ideal for applications where the highest levels of portability and metering accuracy are required.

Features

- **Reduced Production Costs**

- Adhesive drawn from bulk (up to 30 L)
- Low maintenance
- Fast refilling

- **Easy to Use**

- No cross contamination
- Simple, clean and safe bulk container change
- Highest levels of portability
- Ergonomic design for fatigue-free work

- **Reproducible Processes**

- Fixed, precise, mixing ratio
- Drop or bead dispensing available
- Fixed shot volume can be selected and changed
- Reproducible dispensing results

- **High Process Safety**

- Constant mixing ratio
- Drop or bead dispensing
- Reproducible processes every time



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PAM DXH3 and PAM DXH4 Table-Top Dispensers: Technical Data

Type of metering pump	Hydraulic plunger pump				
Available volumetric mixing ratios (fixed) (other mixing ratios on request)	1 : 1	1.5 : 1	2 : 1	4 : 1	10 : 1
Max. volume per stroke DXBG-3	26 mL	27 mL	27 mL	25 mL	25 mL
Max. volume per stroke DXBG-4	53 mL	50 mL	51 mL	53 mL	47 mL
Maximum output pressure (approx.)	36 bar (530 psi)				
Total volume of component containers (A+B)	Approx. 1000 mL (2 : 1 = 1250 mL)				
Container material	PP or PA				
Mixer connection	For original Sulzer Mixpac MEF/MFX mixer				
Mixer sizes (diameter)	6, 8, 10 and 13 mm				
Viscosity	Low to medium				
Required air pressure	Max. 6 bar (max. 87 psi)				
Weight DXH 3 (empty)	2.4 kg (5.5 lbs)				
Weight DXH 4 (empty)	3.0 kg (6.6 lbs)				
Workable products	Non-abrasive 2-component adhesives and sealants				

PAM DXR Refilling Station: Technical Data

Type of transfer pump	Plunger pump (single action)
Volume per stroke	220 mL
Follower plates	Size according to packs
Big pack	Packs up to 30 liters (approx. 5 gallons)
Required air pressure	6 bar
Size (L x W x H)	1000 x 790 x 1485 mm (40 x 31.5 x 59 in.)
Weight	Approx. 185 kg (408 lbs)

Subject to change