

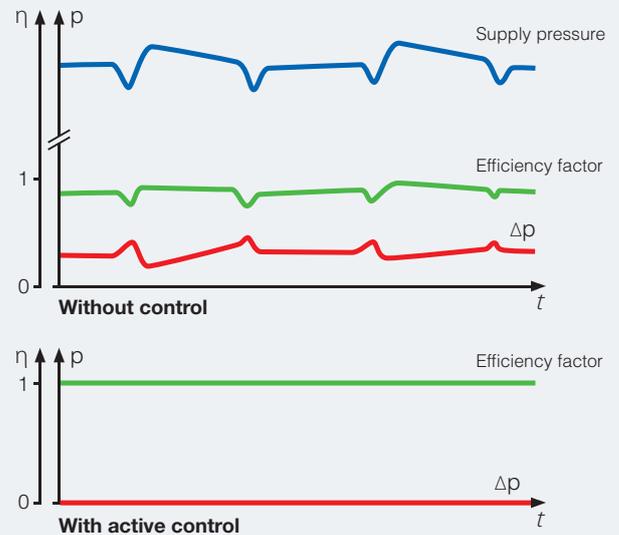


METER · MIX · DISPENSE

## modis

HIGHLY DYNAMIC METERING  
SYSTEM FOR EFFICIENT  
PRODUCTION PROCESSES





## Advantages compared to other metering systems

- Highly dynamic metering principle
  - High metering accuracy, min. +/- 1 %
  - First-in-first-out metering principle
  - High machine capability, typical cmk > 3
  - Volumetric efficiency factor = 1
  - No shot size limit
- Variable output rate and system power within a range of 1 to 100 %
  - Precise flow measurement with elective confirmation
  - Valve drive hermetically sealed from the atmosphere
  - Compact size and minimised weight
  - Modular construction
  - Integration into existing systems e.g. material supply possible

<b>Pump size</b>	1.2 / 6 / 15 cm <sup>3</sup> / U
<b>Flow rate</b>	1.2 up to 1,500 cm <sup>3</sup> / min, depending on pump size
<b>Weight</b>	15 / 15 / 22 kg
<b>Material supply</b>	Drum pumps P30, P80, P200
<b>Material supply optional</b>	heated, oversized rams, tandem
<b>Working pressure/ Maximum pressure</b>	160 / 200 bar
<b>Viscosity range</b>	medium to high viscosity, stable
<b>Material characteristics</b>	Fillers up to MOHS hardness 6

# modis 2K



2K-modis is used to handle two component materials. Due to its compatibility and modularity, two modis single component systems can be connected by simply using a mixing block onto the outlet of which a plastic mixer is mounted. Just a suitable material supply and metering unit is required.

## Advantages compared to other metering systems

- Highly dynamic metering principle
- High metering accuracy, min. +/- 1 %
- Variable output rate within a range of 1 to 100 %
- Precise flow measurement

<b>Pump size</b>	1.2 / 6 / 15 cm <sup>3</sup> / U
<b>Flow rate</b>	2.4 up to 3,000 cm <sup>3</sup> / min, depending on pump size and mixing ratio
<b>Weight</b>	30 up to approx. 80 kg
<b>Material supply</b>	Drum pumps P30, P80, P200, pressure tanks
<b>Material supply optional</b>	heated, oversized rams, tandem
<b>Mixing ratio</b>	100 : 100 to 100 : 5, by volume
<b>Working pressure/ Maximum pressure</b>	160 / 200 bar
<b>Viscosity range</b>	low to high viscosity, stable
<b>Material characteristics</b>	Fillers up to MOHS-hardness 6

# Dynamic, flexibel and highly efficient

With modis, DOPAG offers a highly dynamic metering system for single component adhesives and sealants. For operators, modis offers a completely new vision of a more effective and economical production process.

## Application areas

These modern metering systems can be used in any industry where materials need to be applied in a high precision and repeatable way.

- White goods
- Elektric
- Aerospace
- Defence technology
- Medical technology
- Construction
- Automotive



# Performance all along the line

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Modis is a highly dynamic, speed-proportional metering system for controlling the flow rate of single component adhesive applications in many industries.

Modis allows operators the opportunity to cover a wide range of flow rates with just four different construction sizes.





DOPAG is one of the leading manufacturers of metering and mixing technology. In numerous industries, DOPAG systems and components are used for processing and application of multi-component polymers or 1-component media such as adhesives, greases and oils. The company employs more than 300 people and is represented in more than 30 countries by its subsidiaries and distributors.

DOPAG is a member of the HILGER & KERN GROUP that has been a reliable supplier and service partner for industrial enterprises across various market segments for more than 85 years.

## Worldwide sales and service



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