

# PRODUCT OVERVIEW

2018 | 2019



MASTERPIECES  
MADE IN GERMANY

[www.meister-flow.com](http://www.meister-flow.com)

MEISTER STRÖMUNGSTECHNIK®

# A STRONG BRAND



## WITH RELIABLE PRODUCTS

For 35 years, **Meister Strömungstechnik®** develops manufactures and markets flow meters for industrial use to measure and control fluid and gaseous media worldwide. Our products excel in quality, reliability and longevity, and as well under challenging operational conditions and in almost every industry.

Our **modular product design** enables us with high flexibility and within shortest possible delivery time to configure and specify the equipment to match our customer's requirements and individual application.

Thousands of customers worldwide which represent an installed base of millions of units have confidence in our master pieces, Made in Germany from **Meister Strömungstechnik®**.

In our test laboratory, we permanently monitor the quality of our products based on our **quality standards and ruling industrial standards** also using in-house developed dedicated test systems. In addition, the test laboratory is important to secure to meet the specifications defined in the development objectives for product improvement and new product development projects.

## FOR 35 YEARS MASTERPIECES MADE IN GERMANY

Since 2002 we are certified according to **DIN ISO 9001**. Of course we comply with all necessary standards and permissions including (for most of the products) UL/CSA.

Many of our products are in addition certified and permitted by ATEX directive for installation in locations with explosive atmosphere. **Customer benefit is on the top of Meister Strömungstechnik® objectives.**

We permanently invest in product improvements and innovation and especially and selectively into the **qualification and performance of our employees**. Thus, we broaden and increase continuously our competence level in all areas that are relevant for our success and the benefit of our customers.

You need our advice or support? We are pleased to help you.



# FLOW MONITORS AND INDICATORS FOR WATER AND OTHER LIQUIDS

TYPE SERIES	MEASURING RANGE (L/MIN)				PRESSURE MAX. (BAR)		TEMPERATURE (°C)		
	1	10	100	1000	from	to	from	to	
DWG	0.1 – 50					10		-20	100
DUG	0.2 – 250					10		-20	100
RVO/U-1	8 – 150					10		-20	100
RVO/U-2	0.2 – 28					16		-20	100
RVO/U-4	0.005 – 5					16		-20	100
2000	0.002 – 17					15		-20	80
6000	0.04 – 833				5	15		-20	80
DWM	0.1 – 50				200	300		-20	100
DWM/A	0.1 – 50				200	300		-20	100
DUM	0.2 – 250				200	300		-20	100
DUM/A	0.2 – 250				200	300		-20	100
M-21	0.007 – 17				16	40		-80	250
WBM-65	133 – 333				16	25		-20	100
WBMC	133 – 333					180		-20	100
RVM/U-1	10 – 150				250	300		-20	100
RVM/U-2	0.02 – 30				300	350		-20	100
RVM/U-4	0.005 – 5				300	350		-20	100
RVM/UA-1	10 – 150				250	300		-20	100
RVM/UA-2	0.02 – 30				300	350		-20	100
RVM/U-S4	0.005 – 5					16		-20	100
RVM/UM	0.1 – 120				250	300		-20	120
RMU-A	2.5 – 15.5					250		-20	120
RMU-B	0.4 – 15.5					250		-20	100
SC-250	0.05 – 3,000				16	40		-50	300
SC-250 H AND V	0.2 – 1,000				16	40		-50	300



PROCESS-CONNECTION

MATERIAL

INDICATOR / OUTPUT

APPLICATIONS

thread  
flange  
solv. cement socket  
hose

metal  
glass  
plastic

display  
switch contact  
analog output  
pulse output

water treatment  
power generation  
machine building  
plants  
process engineering  
process industry

universal orientation  
ATEX  
Operating Principle

PROCESS-CONNECTION	MATERIAL	INDICATOR / OUTPUT	APPLICATIONS	universal orientation	ATEX	Operating Principle
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# FLOW MONITORS AND INDICATORS FOR WATER AND OTHER LIQUIDS

TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)	
		from	to	from	to
WY	2.5 – 100		10	-20	100
KM-165, KM-185, KM-200	0.03 – 17		10*	0	60
KM-335, KM-350	0.8 – 1,000		10*	0	60
DHSF-2	0.025 – 1.67	6	10	0	80
DHGF-2	0.025 – 1.67		10	0	80
DHGA-2	0.025 – 1.67		10	0	60
DHSF-4	0.1 – 4.2	6	10	0	80
DHGF-4	0.1 – 4.2		10	0	80
DHGA-4	0.1 – 4.2		10	0	60
DHGF-10	0.8 – 16.7		6	0	80
DHGA-10	0.8 – 16.7		6	0	60
DHTF-1	4 – 1,178		10	0	80
FAA	1 – 60	5	10	0	90
FRA	0.7 – 100		16	0	100
TD...15.../PPO	2 – 40		10	0	85
TD...15.../MS	2 – 40		10	0	85
TD...-25/PP	4 – 160	2	10	0	80
TD...-25/MS	4 – 160		10	0	85
TD...-40/MS	7 – 417		10	0	85
SPM	2.3 – 2,762	11	30	-40	120
SPKM	4 – 93		25	-20	110
SPKR	3.5 – 69		25	-20	110
DP-65	13.3 – 13,333	16	40	-20	300
DMIK	0.5 – 250		16	5	90

\* at max. 20 °C



# FLOW MONITORS AND INDICATORS FOR OIL

TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)	
		from	to	from	to
DKG-1	0.1 – 90		10	-20	120
DKG-2	0.5 – 8		16	-20	120
DKM-1	0.5 – 110	250	300	-20	120
DKM-2	0.5 – 7	300	350	-20	120
DKM/A-1	0.5 – 110	250	300	-20	120
DKM/A-2	0.5 – 7	300	350	-20	120
DKME-1	1 – 80	250	300	-20	120
DKME/A-1	1 – 80	250	300	-20	120
COVOL	0.42 – 1,000	10	16	-40	150
WY/OIL	12 – 120		10	-20	100

# FLOW MONITORS AND INDICATORS FOR AIR AND OTHER GASES

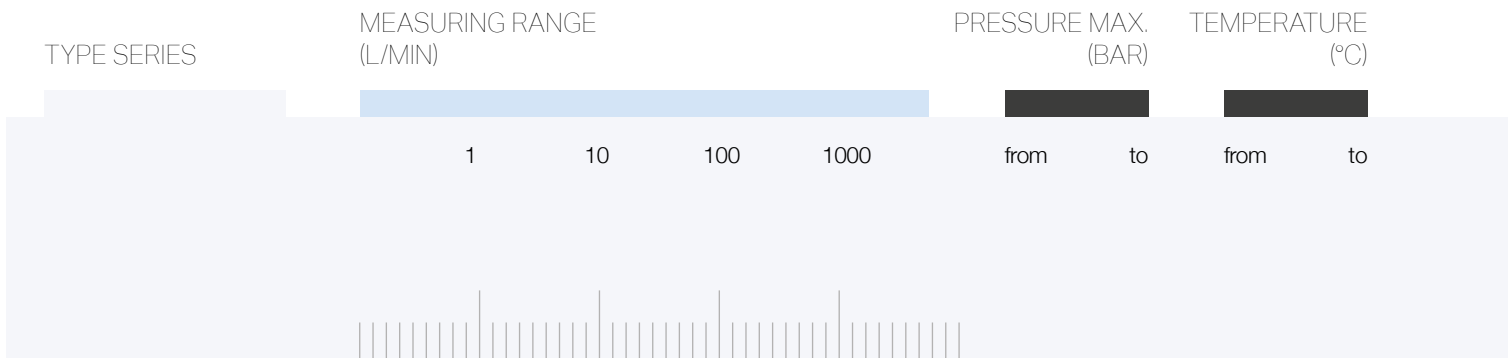
DWG-L	3 – 1,600		10	-20	80
RVO/U-L1	22.5 – 625		10	-20	100
RVO/U-L2	3 – 500		16	-20	100
RVO/U-L4	0.2 – 42		16	-20	100
2000	0.05 – 500		15	-20	80
6000	1.17 – 25,000	5	15	-20	80
DWM-L	1 – 1,450	200	300	-20	80
DWM/A-L	1 – 1,450	200	300	-20	80
M-21	0,2 – 500	16	40	-80	250
RVM/U-L1	60 – 650	250	300	-20	120
RVM/U-L2	2.5 – 525	300	350	-20	120
RVM/U-L4	0.6 – 80	300	350	-20	120
SC-250	1.17 – 90,000	10	40	-50	300
KM-165, KM-185, KM-200	1.67 – 500		10*	0	60
KM-335, KM-350	25 – 14,000		10*	0	60
SPM-L			11	-10	85

\* at max. 20 °C





# FLOW LIMITERS FOR WATER



TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)	TEMPERATURE (°C)
BA	1 – 30	10	-20 200
BB	1 – 30	10	-20 200
BC	1 – 270	10	-20 200
BF	2 – 420	10	-20 200

## MECHANICAL ACCESSORIES

SF, SFD, SFM	25 40	-10 150
NV	100 200	-20 250
BS-228	16 350	-20 160

## ELECTRONIC ACCESSORIES

SIGNAL 4.0	-20 70
SIGNAL	-20 70
MONITOR	-20 70
DISPLAY	-20 70
SG-15	-20 160
SG-30	-20 160

PROCESS-CONNECTION

MATERIAL

INDICATOR / OUTPUT

APPLICATIONS

thread  
flange  
solv. cement socket  
hose

metal  
glass  
plastic

display  
switch contact  
analog output  
pulse output

water treatment  
power generation  
machine building  
plants  
process engineering  
process industry

universal orientation  
ATEX  
Operating Principle

■	■		■	■	■	■	■	■	■	■	■	■
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# CUSTOMIZED SOLUTIONS

FOR KEY INDUSTRIES AND APPLICATIONS

## ■ WATER TREATMENT

- water supply
- waterworks
- water purification
- pH value adjustment
- boiler water treatment
- water distribution
- condensate return and many more



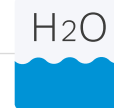
monitoring for perfect boiler water



control for efficient delivery



efficient handling of valuable resources



carbon dioxide for optimum pH value



## ■ MACHINE BUILDING

- cooling units
- hydraulic power units
- lubrication systems
- heat exchange systems
- laser cutting machines
- plastic processing machinery
- machine tools
- die cutting and many more



reliable actuators



cooling and lubrication for perfect results



cooling for precise cuts

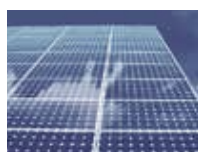


lubrication for the highest requirements

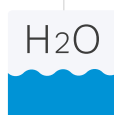


## ■ POWER GENERATION

- gear units for wind turbines
- washing plants for the manufacture of glass
- turbines
- combined heat and power plants
- biofuel production and many more



cleanliness for the highest demands



lubrication for the most stringent requirements



assured lubrication under changing conditions



protection for pumps



Fast response time and high reliability are the key to protect machinery and equipment and ensures to meet process results. Often operating conditions demand high standards to the measuring principle used. Only the right choice of the optimal principle combined with the specification of the best suited material makes it possible to meet these requirements.

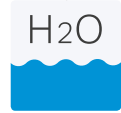
This is why **Meister Strömungstechnik®** uses only high quality material. Flow meters from **Meister Strömungstechnik®** are cost-efficient, easy to install and easy to maintain. The **Meister Strömungstechnik®** products are the solution of choice for experts from all over the world.

## PLANT CONSTRUCTION

- coating plants
- washing machines
- surface treatment
- industrial ovens
- distillation plants
- plastics processing
- paper manufacturing and many more



precision for thin layers



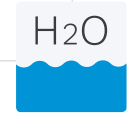
dosage for clean results



technical gases for hard surfaces



cooling for clean solutions

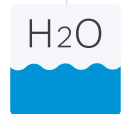


## PROCESS ENGINEERING

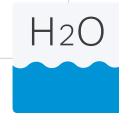
- glass production
- refrigeration units
- flue gas desulfurization
- heat exchange systems
- power plants
- waste incineration
- air compressors
- recycling and many more



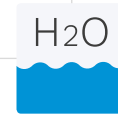
process water for clean flue gas



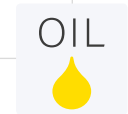
cooling for optimal results



efficient use of resources



lubrication for efficient recycling



## PROCESS INDUSTRY

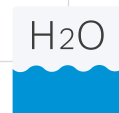
- short path distillation
- distillation of wool wax
- paint production
- production of plastic film
- pharmaceutical process
- mechanical seals
- barrier pressure units and many more



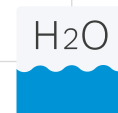
gentle cleaning of natural products



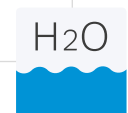
cooling for bright colors



blocking medium for dynamic seals



cooling for crystal-clear films



# PARTNERSHIP FOR PERFORMANCE

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**intercontrol**

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**GREIN**

This motto stands for our commitment to provide our quality- and service-oriented concepts to partner companies and distributors through international cooperation. We know that strength is built by teamwork – a standard we will continue to develop.

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