

PRODUCT OVERVIEW

2018 | 2019



MASTERPIECES
MADE IN GERMANY

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

Operating Principle:

- standard
- optional
- float
- paddle / target disc
- impeller / turbine
- magnetic inductive
- volumetric

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
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

Operating Principle:

- standard
- optional
- float
- paddle / target disc
- impeller / turbine
- magnetic inductive
- volumetric

FLOW MONITORS AND INDICATORS FOR OIL

TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)		TEMPERATURE (°C)	
	1 10 100 1000	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

	■		■ ■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■ ■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■		■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■
	■ ■		■		■ ■ ■ ■		■ ■ ■ ■ ■ ■ ■		■ ■ ☆
	■		■ ■ ■		■ ■ ■		■ ■ ■ ■ ■ ■		■ ■ ■

[illegible]

FLOW LIMITERS FOR WATER

TYPE SERIES	MEASURING RANGE (L/MIN)	PRESSURE MAX. (BAR)	TEMPERATURE (°C)
	1101001000	fromto	fromto
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	2540	-10150
NV	100200	-20250
BS-228	16350	-20160

ELECTRONIC ACCESSORIES

SIGNAL 4.0	-2070
SIGNAL	-2070
MONITOR	-2070
DISPLAY	-2070
SG-15	-20160
SG-30	-20160

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



standard
Operating Principle:



optional
float



paddle / target disc



impeller / turbine



magnetic inductive



volumetric

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

H₂O



control
for efficient
delivery

H₂O



efficient handling
of valuable
resources

H₂O



carbon dioxide
for optimum
pH value

GAS



■ 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

OIL



cooling and
lubrication
for perfect results

SPEC



cooling
for precise cuts

H₂O



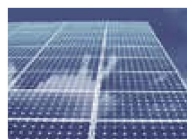
lubrication
for the highest
requirements

OIL



■ 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

H₂O



lubrication for the
most stringent
requirements

OIL



assured lubrication
under changing
conditions

OIL



protection
for pumps

SPEC

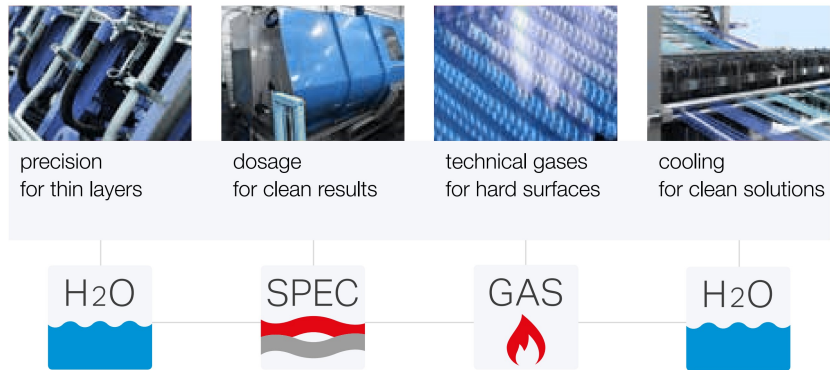


Fast response time and high reliability are the key to protect machinery and equipment and ensures to meet process results. Often operating conditions demand high standards to the measuring principle used. Only the right choice of the optimal principle combined with the specification of the best suited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

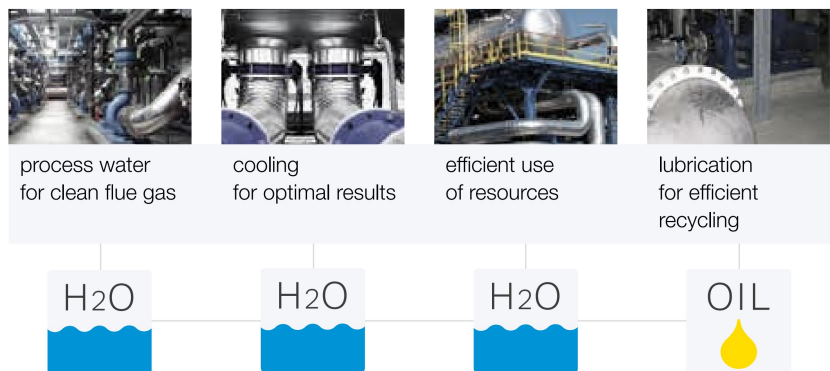
■ PLANT CONSTRUCTION

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



■ PROCESS ENGINEERING

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



■ 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

