

PRODUCT OVERVIEW



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

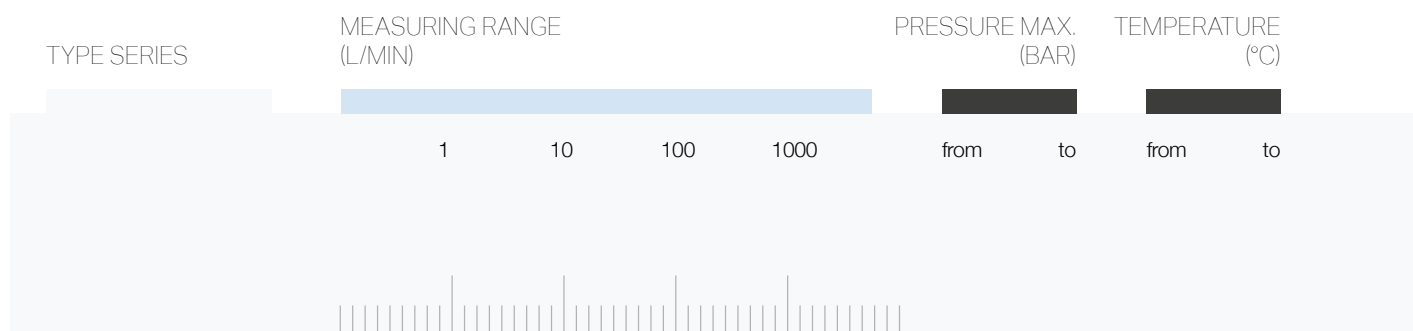
Since 2002 we are certified according to **DIN ISO 9001**. Of course we comply with all necessary standards and permissions including (for most of the products) UL/CSA.

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



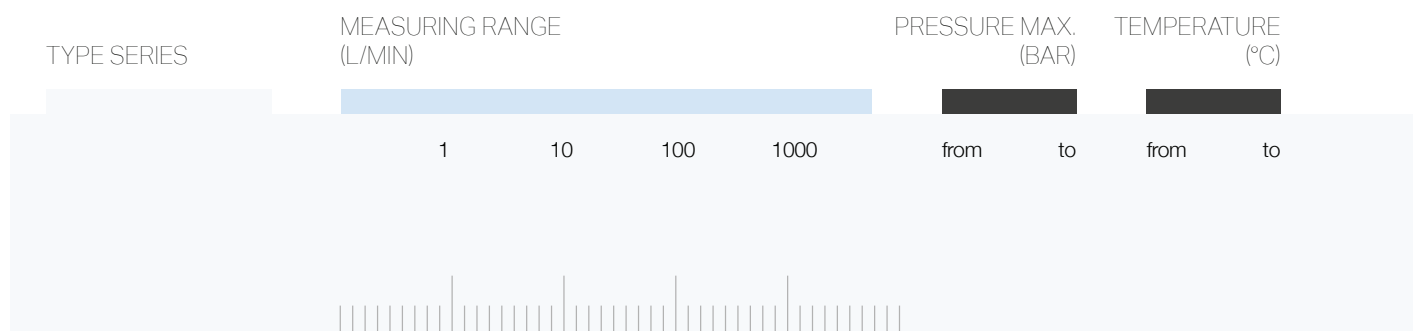
DWG	0.1 – 50	10	-20	100
DUG	0.2 – 250	10	-20	100
RVO/U-1	8 – 150	10	-20	100
RVO/U-2	0.2 – 28	16	-20	100
RVO/U-4	0.005 – 5	16	-20	100
2000	0.002 – 17	15	-20	80
6000	0.04 – 833	5 15	-20	80
DWM	0.1 – 50	200 300	-20	100
DWM/A	0.1 – 50	200 300	-20	100
DUM	0.2 – 250	200 300	-20	100
DUM/A	0.2 – 250	200 300	-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

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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[illegible]

■ ■ standard ■ optional

Operating Principle:

 optional

- optic
- float

◆ paddle / target disc

- impeller / turbine

▲ magnetic inductive

- ★ volumetric

9

FLOW LIMITERS FOR WATER

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

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



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



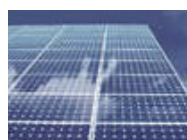
lubrication
for the highest
requirements

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.

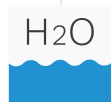
This is why **Meister Strömungstechnik®** uses only high quality material. Flow meters from **Meister Strömungstechnik®** are cost-efficient, easy to install and easy to maintain. The **Meister Strömungstechnik®** products are the solution of choice for experts from all over the world.

■ PLANT CONSTRUCTION

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



precision
for thin layers



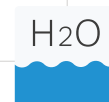
dosage
for clean results



technical gases
for hard surfaces



cooling
for clean solutions

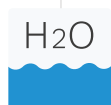


■ PROCESS ENGINEERING

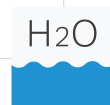
- glass production
- refrigeration units
- flue gas desulfurization
- heat exchange systems
- power plants
- waste incineration
- air compressors
- recycling and many more



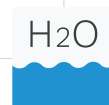
process water
for clean flue gas



cooling
for optimal results



efficient use
of resources



lubrication
for efficient
recycling



■ PROCESS INDUSTRY

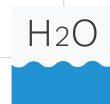
- short path distillation
- distillation of wool wax
- paint production
- production of plastic film
- pharmaceutical process
- mechanical seals
- barrier pressure units and many more



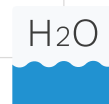
gentle cleaning
of natural products



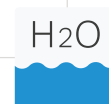
cooling
for bright colors



blocking medium
for dynamic seals



cooling
for crystal-clear
films



PARTNERSHIP FOR PERFORMANCE

WORLDWIDE

AUSTRIA

Schmachtl GmbH
Pummererstraße 36
4020 Linz

Phone: +43 73276460
office.linz@schmachtl.at
www.schmachtl.at



STASTO Automation KG
Feldstraße 9 - 11
6020 Innsbruck

Phone: +43 512520760
austria@stasto.eu
www.stasto.eu



BELGIUM

Intercontrol Meet- en Regeltechniek NV / SA
Leugenberg 72a
2180 Ekeren

Phone: +32 32838160
info@intercontrol.eu
www.intercontrol.eu



BULGARIA

Hennlich OOD
147A, Brezovsko shose Str.
Rota center, floor 3
4003 Plovdiv

Phone: +359 32511326
office@hennlich.bg
www.hennlich.bg



CROATIA

HENNLICH industrijska tehnika d.o.o.
Stupničkoobreška 17
10255 Gornji Stupnik

Phone: +385 1 3874 335
hennlich@hennlich.hr
http://www.hennlich.hr



CZECH REPUBLIC

HENNLICH s.r.o.
Českolipská 9
412 01 Litoměřice

Phone: +420 416711111
meres@hennlich.cz
www.hennlich.cz



FINLAND

Kübler Suomi Oy
Kelatie 25 A 1-3
01450 Vantaa

Phone: +358 98700960
kubler@kubler.fi
www.kubler.fi



FRANCE

Instruments & Controls
4 Rue Panhard / BP13
91830 Le Coudray-Montceaux

Phone: +33 164939230
industrie@insco.fr
http://www.insco.fr



GERMANY

Schmidt Mess- und Regeltechnik
Frankenhöhe 28
55288 Spiesheim

Phone: +49 6732919120
info@schmidt-messtechnik.de
www.schmidt-messtechnik.de



HUNGARY

Hennlich Ipartecnika Kft.
Heliport Reptér
6000 Kecskemét-Kadafalva

Phone: +36 76509655
hennlich@hennlich.hu
www.hennlich.hu



ITALY

GREIN S.r.l.
Via S.G.B. De La Salle 4 / A
20132 Milano

Phone: +39 0226300140
info@grein.it
www.grein.it



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.**

NETHERLANDS

Intercontrol Meet- en Regeltechniek BV
IJsselburcht 26
6825 BP Arnhem

Phone: +31 264425204
info@intercontrol.eu
www.intercontrol.eu



NORWAY

Flow-Teknikk AS
Olav Brunborgsv. 27
1396 Billingstad

Phone: +47 66775400
mail@flow.no
www.flow.no



POLAND

TR Automatyka spółka z o.o.sp.k
ul. Lechicka 14
02-156 Warszawa

Phone: +48 228861016
biuro@trautomatyka.pl
www.trautomatyka.pl



SLOVAK REPUBLIC

HENNLICH s.r.o.
Račianska 188
831 53 Bratislava 34

Phone: +421 250202501
hennlich@hennlich.sk
www.hennlich.sk



SLOVENIA

HENNLICH d.o.o.
Ulica Mirka Vadenova 13
SI-4000 Kranj

Phone: +386 45320610
info@hennlich.si
www.hennlich.si



SPAIN

Intertronic Internacional S.L.
Parc Tecnològic
C/Johannes Gutenberg, 4 – 6
46980 Paterna

Phone: +34 963 758 050
info@intertronic.es
www.intertronic.es



BIBUS SPAIN, S.L.
Rua do Arroncal
Vial C – Nave 4A
Parque Empresarial
Porto do Molle
36350 Nigran (Pontevedra)

Phone: +34 986247286
info@bibus.es
www.bibus.es



SWEDEN

OEM Automatic AB
Box 1011
573 28 Tranås

Phone: +46 752424100
info@aut.oem.se
www.oemautomatic.se



TURKEY

CEFIP – Makina Endüstriyel Ürünler San. ve Dış Tic. Ltd. Şti.
Perpa Ticaret Merkezi A Blok K.2
No:9-0033 34384 Şişli / İstanbul

Phone: +90 2122101890
cefip@cefip.com.tr
www.cefip.com.tr



UNITED KINGDOM

Tamo Ltd
22 Sarum Complex
Salisbury Road
UB8 2RZ Uxbridge Middlesex

Phone: +44 1895200015
info@tamo.co.uk
www.tamo.co.uk



USA

Sure Flow Products, LLC
28265 Beck Road, Suite C-11
48393 Wixom

Phone: +1 248 3803569
sales@sureflowproducts.com
www.sureflowproducts.com





Meister
Strömungstechnik GmbH
Im Gewerbegebiet 2
63831 Wiesen | Germany

Phone +49 6096 97200
sales@meister-flow.com

www.meister-flow.com

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BIBUS

BIBUS s.r.o.
+420 547 125 300
www.bibus.cz