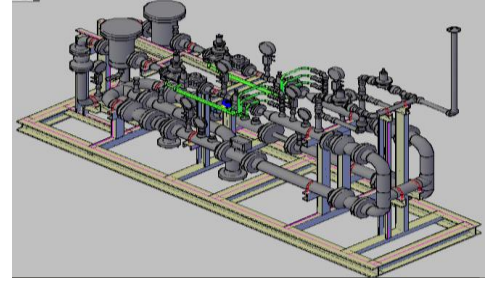


# Gas Metering System

## Applications

- Power Generation
- Oil & Gas



## Custody & No Custody Transfer

### Meter

- Turbine
- Orifice
- Magnetic
- Vortex

### Accessories

- Pressure Gauge
- Thermometer
- Pressure Recorder
- Temperature Recorder
- Pressure Transmitter
- Differential Pressure Transmitter
- Temperature Transmitter
- Flow Computer
- Gas Chromatograph

- Ball Valve
- Differential Pressure Transmitter (DPT)
- Electronic Volume Corrector (EVC)
- Pressure Safety Relief Valve (PSV)
- Slam Shut Valve (SSV)
- Pressure Regulator Valve (PRV)
- Wafer Check Valve (CV)
- Filter



## Gas Metering System Configurations

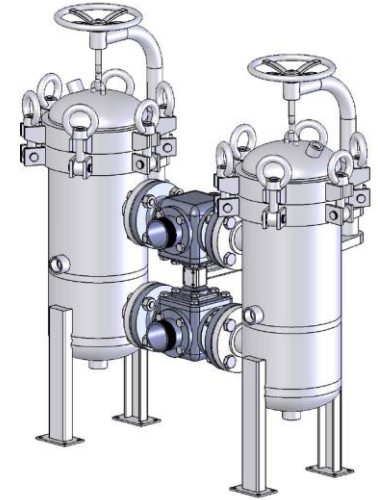
No	Code	Pressure	G Size	Configuration
1	MRS P3 G4	LOW	G4	2/2 - 4/2 - 1/0.03 - 10/6 - G4
2	MRS P3 G10	LOW	G10	2/2 - 4/2 - 1/0.03 - 30/10 - G10
3	MRS P3 G16	LOW	G16	2/2 - 4/2 - 1/0.03 - 50/20 - G16
4	MRS P3 G25	LOW	G25	2/2 - 4/2 - 1/0.03 - 80/40 - G25
5	MRS P3 G40	LOW	G40	2/2 - 4/2 - 1/0.03 - 120/60 - G40
6	MRS P3 G65	LOW	G65	2/2 - 4/2 - 1/0.03 - 200/100 - G65
7	MRS P3 G100	LOW	G100	2/3 - 4/2 - 1/0.03 - 320/160 - G100
8	MRS P3 G160	LOW	G160	2/3 - 4/2 - 1/0.03 - 510/260 - G160
9	MRS P3 G250	LOW	G250	3/3 - 4/2 - 1/0.03 - 800/410 - G250
10	MRS P3 G400	LOW	G400	4/4 - 4/2 - 1/0.03 - 1280/650 - G400
11	MRS P3 G650	LOW	G650	6/6 - 4/2 - 1/0.03 - 2080/1070 - G650
12	MRS P3 G1000	LOW	G1000	8/6 - 4/2 - 1/0.03 - 3200/1640 - G1000
13	MRS P3 G1600	LOW	G1600	8/8 - 4/2 - 1/0.03 - 5120/2630 - G1600

No	Code	Pressure	G Size	Configuration
1	MRS P2 G4	MEDIUM	G4	2/2 - 16/5 - 4/1 - 30/10 - G4
2	MRS P2 G10	MEDIUM	G10	2/2 - 16/5 - 4/1 - 80/30 - G10
3	MRS P2 G16	MEDIUM	G16	2/2 - 16/5 - 4/1 - 120/50 - G16
4	MRS P2 G25	MEDIUM	G25	2/2 - 16/5 - 4/1 - 200/80 - G25
5	MRS P2 G40	MEDIUM	G40	2/2 - 16/5 - 4/1 - 320/120 - G40
6	MRS P2 G65	MEDIUM	G65	2/2 - 16/5 - 4/1 - 520/200 - G65
7	MRS P2 G100	MEDIUM	G100	2/3 - 16/5 - 4/1 - 800/320 - G100
8	MRS P2 G160	MEDIUM	G160	4/3 - 16/5 - 4/1 - 1280/510 - G160
9	MRS P2 G250	MEDIUM	G250	4/3 - 16/5 - 4/1 - 2000/800 - G250
10	MRS P2 G400	MEDIUM	G400	4/4 - 16/5 - 4/1 - 3200/1280 - G400
11	MRS P2 G650	MEDIUM	G650	6/6 - 16/5 - 4/1 - 5200/2080 - G650
12	MRS P2 G1000	MEDIUM	G1000	8/6 - 16/5 - 4/1 - 8000/3200 - G1000
13	MRS P2 G1600	MEDIUM	G1600	8/8 - 16/5 - 4/1 - 12800/5120 - G1600
14	MRS P2 G2500	MEDIUM	G2500	10/10 - 16/5 - 4/1 - 20000/8000 - G2500
15	MRS P2 G4000	MEDIUM	G4000	12/12 - 16/5 - 4/1 - 32000/12800 - G4000
16	MRS P2 G6500	MEDIUM	G6500	16/16 - 16/5 - 4/1 - 52000/20800 - G6500

No	Code	Pressure	G Size	Configuration
1	MRS P1 G65	HIGH	G65	2/2 - 16/11 - 10/5 - 1140/620 - G65
2	MRS P1 G100	HIGH	G100	2/3 - 16/11 - 10/5 - 1760/960 - G100
3	MRS P1 G160	HIGH	G160	4/3 - 16/11 - 10/5 - 2810/1530 - G160
4	MRS P1 G250	HIGH	G250	4/3 - 16/11 - 10/5 - 4400/2400 - G250
5	MRS P1 G400	HIGH	G400	4/4 - 16/11 - 10/5 - 7040/3840 - G400
6	MRS P1 G650	HIGH	G650	6/6 - 16/11 - 10/5 - 11440/6240 - G650
7	MRS P1 G1000	HIGH	G1000	8/6 - 16/11 - 10/5 - 17600/9600 - G1000
8	MRS P1 G1600	HIGH	G1600	10/8 - 16/11 - 10/5 - 28160/15360 - G1600
9	MRS P1 G2500	HIGH	G2500	10/10 - 16/11 - 10/5 - 44000/24000 - G2500
10	MRS P1 G4000	HIGH	G4000	14/12 - 16/11 - 10/5 - 70400/38400 - G4000
11	MRS P1 G6500	HIGH	G6500	18/16 - 16/11 - 10/5 - 114400/62400 - G6500

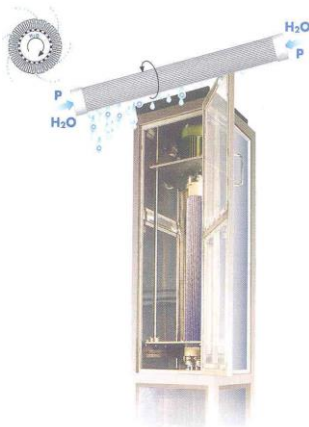
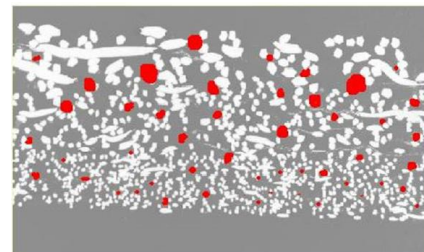
## Metallic Filter

Disposal filters need to be replaced minimum every month. TOP-F proposes metallic filter with back flushing cleaning, the filter can be cleaned on side and will be re-used between 20 to 30 times

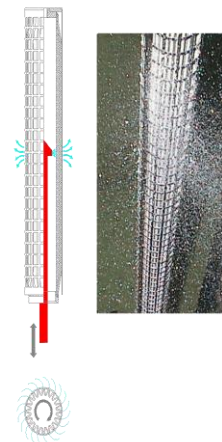


## Advantages

- No need warehouse to store disposal filter
- Re-use the metallic filter up to 30 times
- Cleaning on site using back-flushing system
- Metallic filter will resist at higher pressure
- Standard dimension to reduce the kind of filter



### Back-flushing Cleaning System



# Fuall Metering System

## Applications

- Oil & Gas

