



Compressed air in its safest form



BEKO TECHNOLOGIES



瑞士藥廠股份有限公司
SWISS PHARMACEUTICAL CO. LTD.



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SWISS PHARMACEUTICAL CO. LTD.



› 您最聰明的選擇

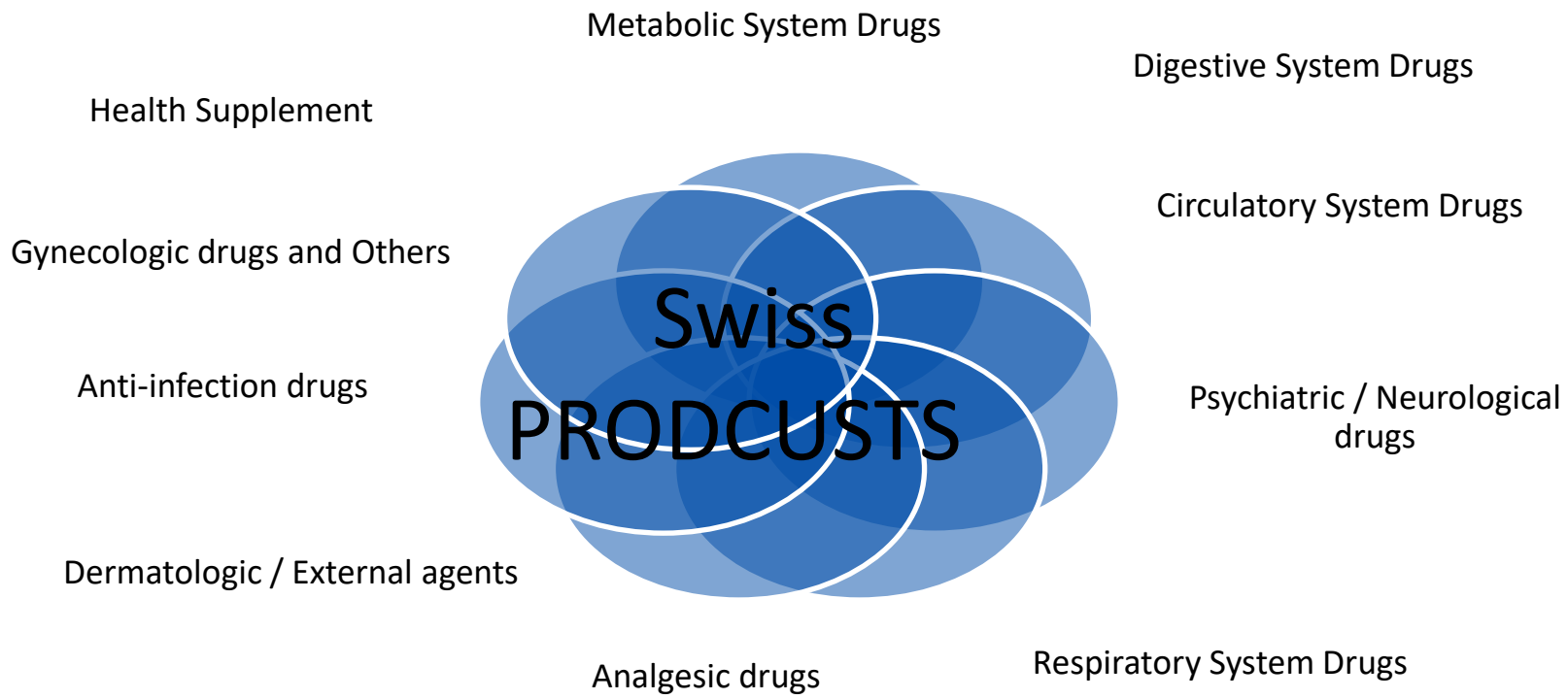


› 我們專注於您的需求



您最聰明的選擇、專注於您的需求。
讓我們一起茁壯成長

Working with SWISS PHARMACEUTICAL for the continuous improvement of your processes ...





About SWISS PHARMACEUTICAL CO., LTD.



Since 1950s, Swiss Pharmaceutical has emphasized on the value of quality and focused on developing better and safer medications with the latest technologies to advance the care and service for our customers. We have excellent R&D team to deliver your needs and beyond. After being PIC/S GMP certified in 2012, we plan to expand our scope of sales into China, USA, Europe and worldwide.

2001

- Won 2001 Silver Medal for Manufacturing Technique, the highest honor from Department of Health, Taiwan.

2008

- Won 2008 Silver Medal for Total Training Quality System (TTQS)

2011

- Won 2011 Bronze Medal for Total Training Quality System (TTQS)

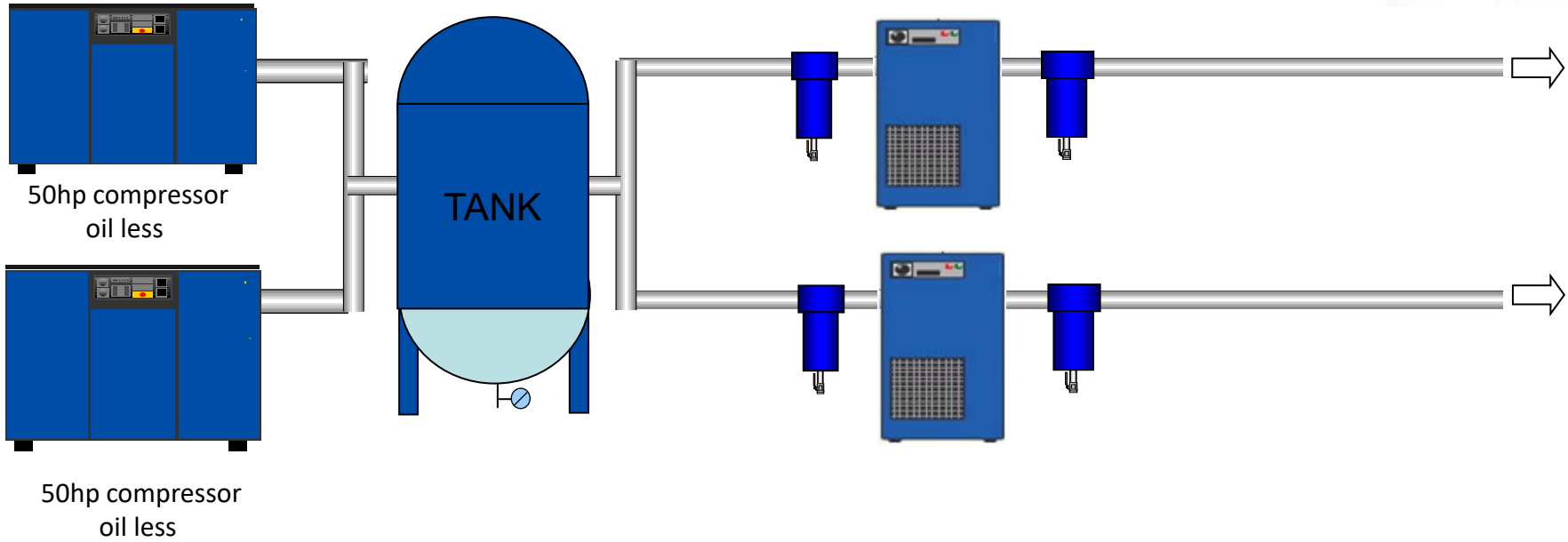
2012

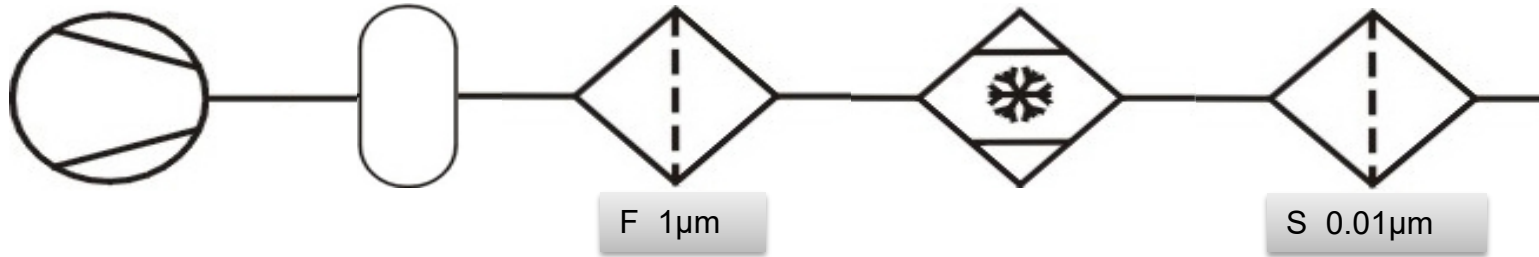
- Swiss Pharmaceutical Co., Ltd. is PIC/S GMP Certified



Swiss

Compressed air system - Before improvement





Quality class according to ISO 8573-1

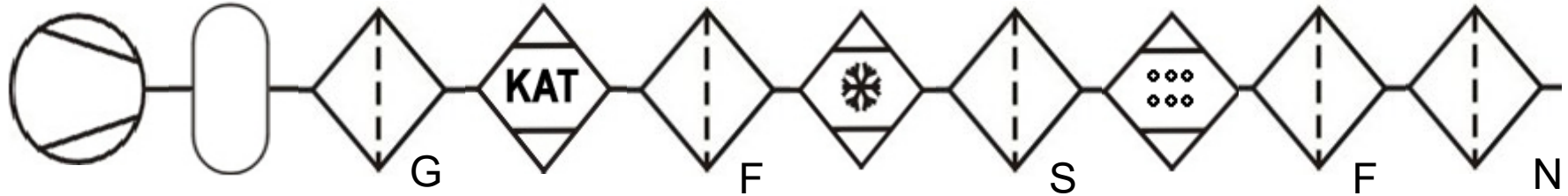
| Particles | PDP | Oil |
|-------------|-----------|---------------------------|
| 1 0.01µm | 4 +3°C | 2 0.1mg/m ³ |

but.....want to be the best one in PHARMACEUTICAL

| Pharmacopée Européenne | | max. content |
|------------------------|-----------------|------------------------------------------------------------|
| impurities | | |
| oil | | 0,1 mg/m ³ |
| CO ₂ | | 500 ppm _w |
| CO | | 5 ppm _w |
| SO ₂ | | 1 ppm _w |
| NO | NO ₂ | 2 ppm _w |
| H ₂ O | | 67 ppm _w equals to atmospheric dewpoint < -46°C |

| Quality class | Solid particles, max. amount of particles per m ³ | | | Pressure dew point °C at 7 bar | Oil (incl. oil vapour) mg/m ³ |
|---------------|--------------------------------------------------------------|------------|------------|--------------------------------|------------------------------------------|
| | 0.1–0.5 µm | 0.5–1.0 µm | 1.0–5.0 µm | | |
| 1 | ≤ 20,000 | ≤ 400 | ≤ 10 | ≤ -70 | ≤ 0.01 |
| 2 | ≤ 400,000 | ≤ 6,000 | ≤ 100 | ≤ -40 | ≤ 0.1 |
| 3 | - | ≤ 90,000 | ≤ 1,000 | ≤ -20 | ≤ 1.0 |
| 4 | - | - | ≤ 10,000 | ≤ +3 | ≤ 5 |
| 5 | - | - | ≤ 100,000 | ≤ +7 | > 5 |
| 6 | ≤ 5 mg/m ³ | | | ≤ +10 | - |

| | | |
|-----------|-------|-----------------------|
| Particles | PDP | Oil |
| 1 | 2 | 1 |
| 0.01µm | -40°C | 0.01mg/m ³ |



Quality class
according to
ISO 8573-1

Particles

1

0.01 μ m

PDP

2

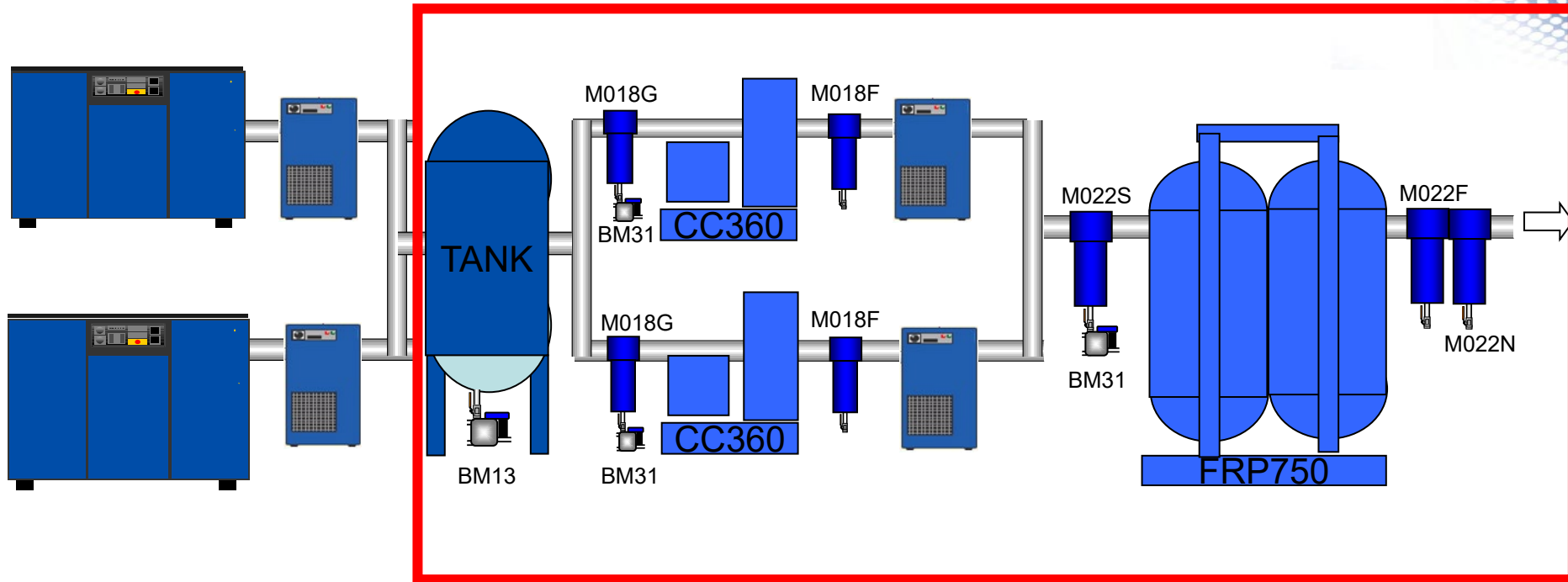
-40°C

Oil

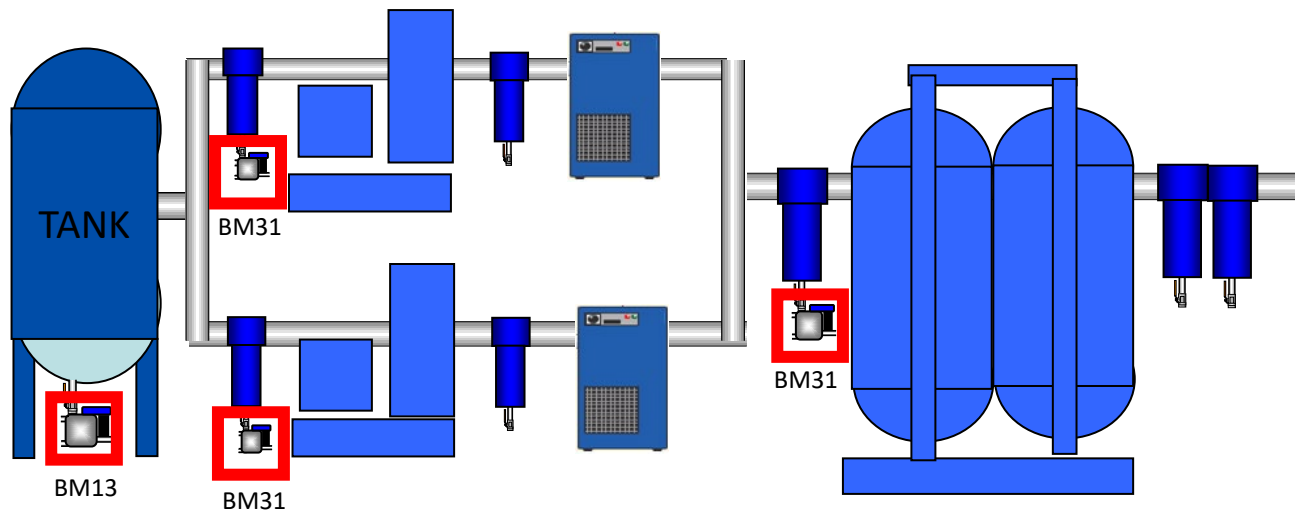
1

0.01mg/m³

GUARANTEE



BEKO SYSTEM



BEKOMAT® 13+31

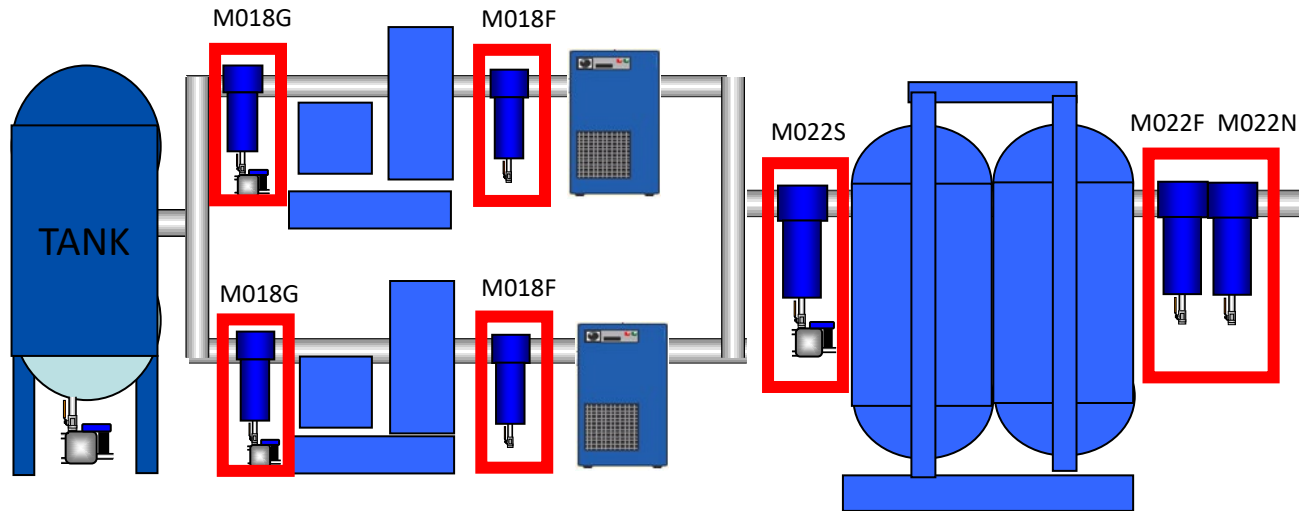


No unnecessary compressed air losses

Drainage adopted to condensate quantity

Low maintenance

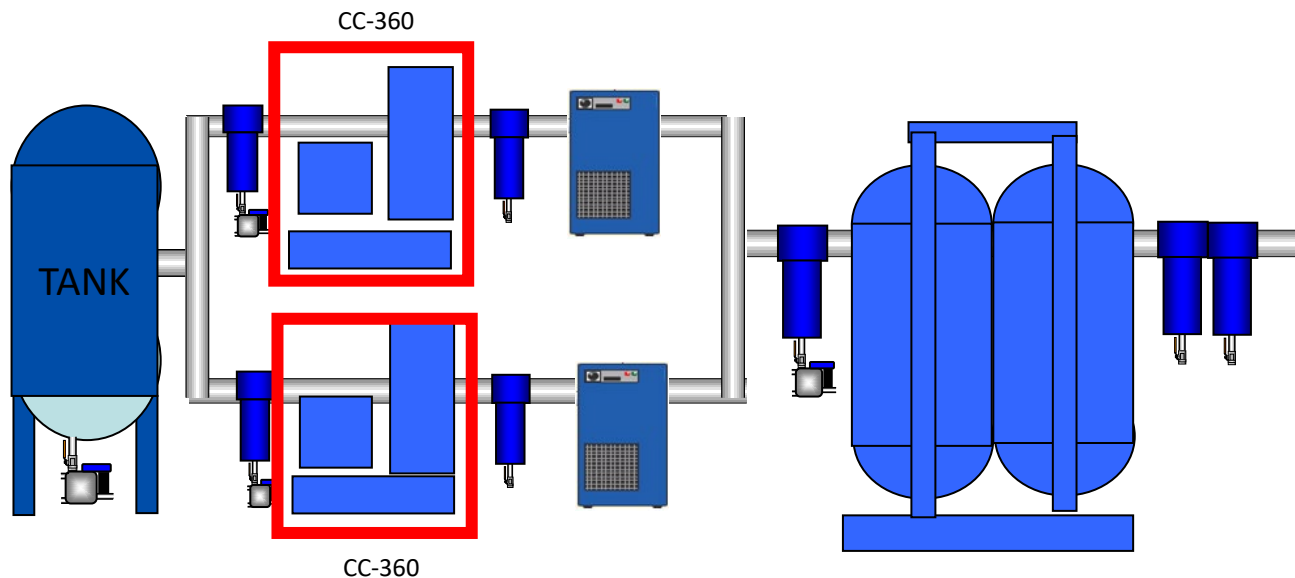
Fully automatic monitoring



CLEARPOINT® M018+M022



- Up to 30 % higher volume flow
- Energy optimized diff. pressure
- Improved retention performance
- Lower flow resistance



BEKOKAT[®] CC360

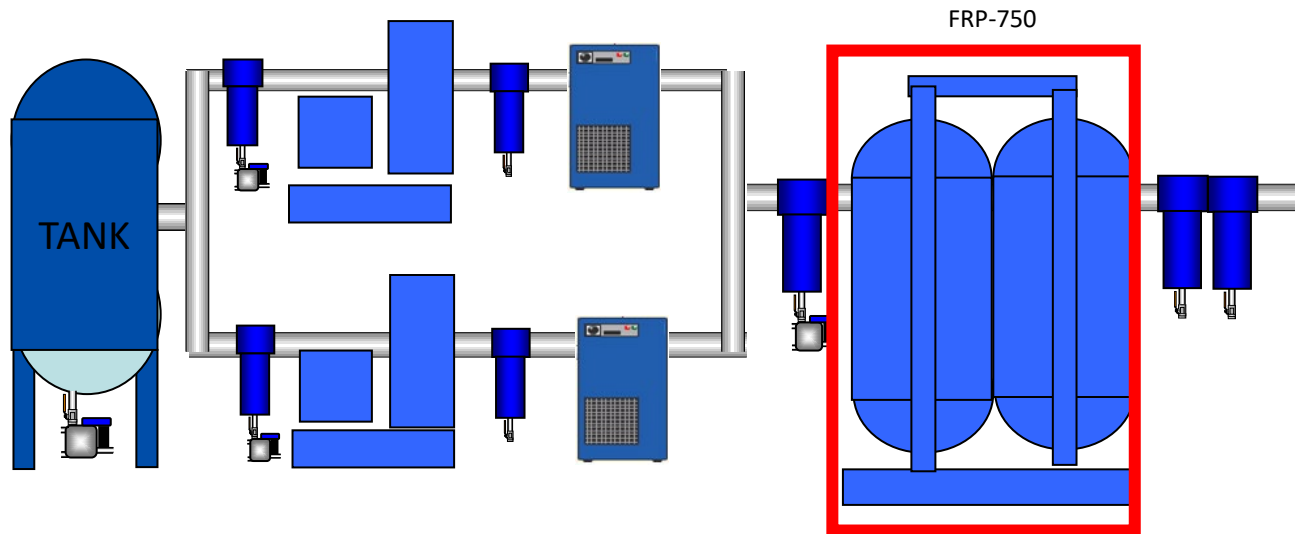


Oil-free and sterile compressed air,
better than ISO 8573-1, class 1 oil
content

Easy to install

Clean and environmentally friendly

Easy to maintain



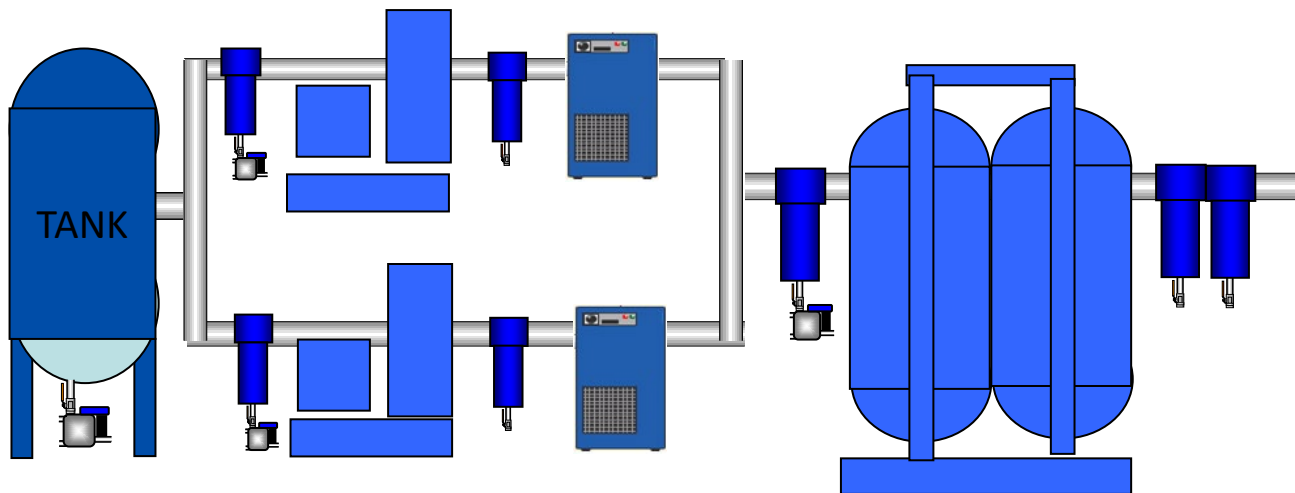
EVERDRY[®] FRP-750



No unnecessary compressed air losses
High operational reliability

Low dew point better than ISO 8573-1, class 2 dew point content

Easy to maintain



AIR AUDIT : OCV+DPM portable

METPOINT® OCV+DPM



Fast response time

Complete traceability

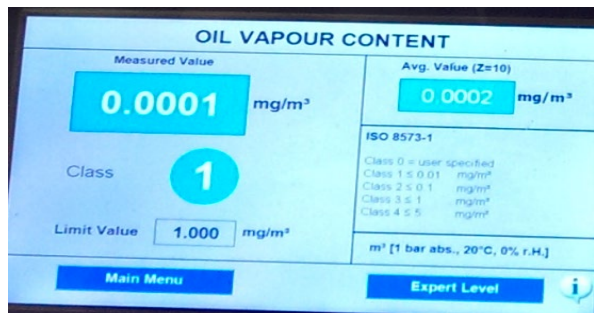
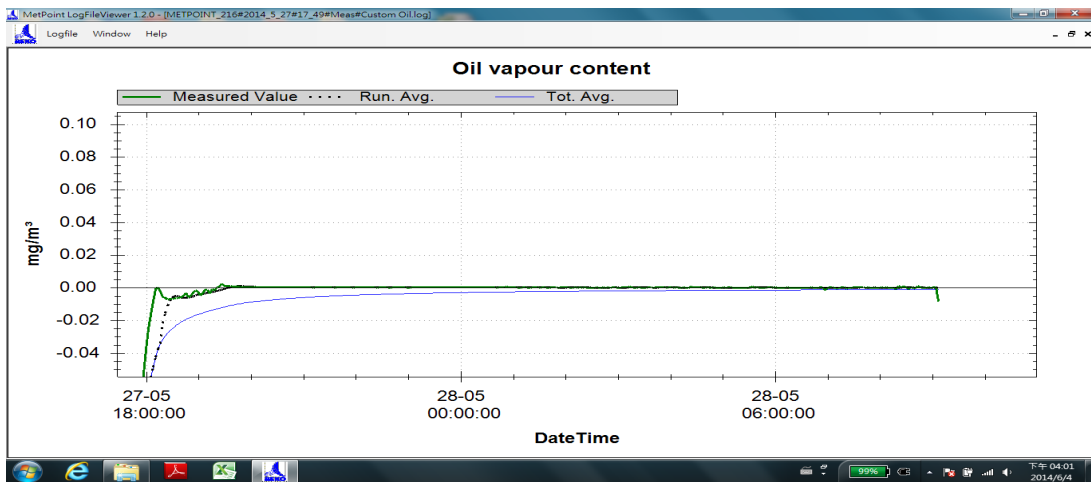
TÜV certified

Network compatible – IT connection



Swiss and BEKO TECHNOLOGIES

Double Win – Best compressed air quality



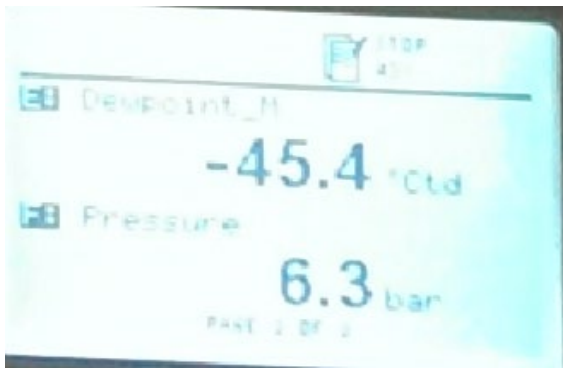
Residual Oil Test: <0.01mg/m³





Swiss and BEKO TECHNOLOGIES

Double Win – Best compressed air quality



DEWPOINT TEST < -40° C







THANKS