

UPGRADE OF THE GMT/GMM220 SERIES

GMT222 VS. GMP252 & INDIGO201



VAISALA

GMT222

1st generation
CARBOCAP®

GMP252 & Indigo201

2nd generation
CARBOCAP®

BENEFIT

of using
GMP252 & Indigo201
instead of GMT222

Product design



Host

Small, 7-segment display

1st gen CarboCap probe (+ cable)

Streamlined host



Detailed LCD screen

2nd gen CarboCap probe (+ cable)

Better display brings multiple benefits, e.g. stabilization graph

Improved appearance

Configuration

```
MF_Rx_HIGH 255444
value:
  s = 1 or 2 (number of the relay)
  000 = High probe (CO2 content in ppm)
Example of setting the higher trigger level of the relay 1:
MF_Rx_1_HIGH 1000
MF_Rx_1_LOW 1000
Save the settings:
MENU, SAVE, 0=Yes
Give the lower trigger level:
MF_Rx_1_LOW 555444
```

Serial communication, text-based interface

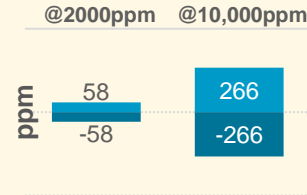


Easy-to-use **Wireless** Configuration interface

Easier to use and **remote access**

Accuracy with 0...10 000 ppmCO₂ probe

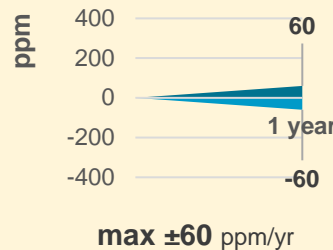
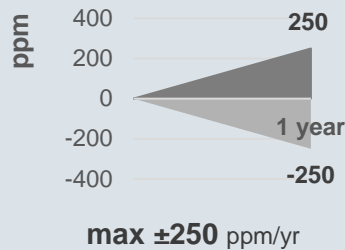
including repeatability, non-linearity and calibration uncertainty



Even more **accurate** measurement

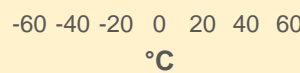
Long Term Stability @2000ppmCO₂

@2000ppmCO₂



Less maintenance cost

Temperature Range



Wider operation range

GMT222

1st generation
CARBOCAP®

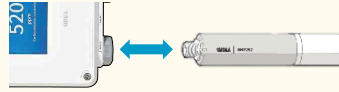


Interchangeable probe,
requires opening of the
housing

GMT220 host can only be
used with **GMP220 series
probes**

GMP252& Indigo201

2nd generation
CARBOCAP®



Smart, easy to detach,
interchangeable probe

Indigo hosts can be used
with **any other Indigo smart
probe** (and vice-versa)

BENEFIT

of using
GMP252 & Indigo201
instead of **GMT222**

Probe
and
compatibility

All-in-one
compact probe

easier
to install and
detach

Increased
compatibility
with other Vaisala's
products

Temperature
dependence

-0.3%
of reading /°C
(typical)

< ±0.05%
(+10 to +50°C with internal
compensation with integrated
measurement)

< ±0.1%
(-40 to +60°C with
compensation with integrated
measurement)

Even more

reliable
measurement

Condensation
prevention



Light source's heat



Automatic
(internal sensor head heating)

NO
waste
heat

RH and O₂
compensations

None

YES

Increased
accuracy
in varying
conditions