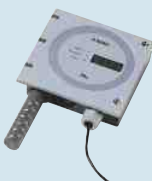



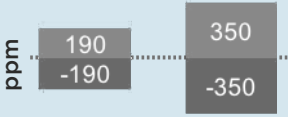
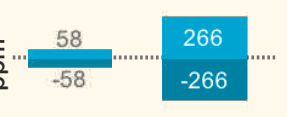
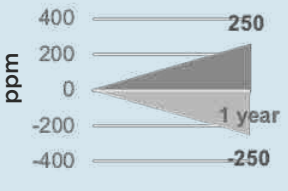
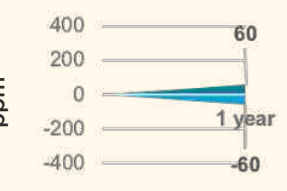
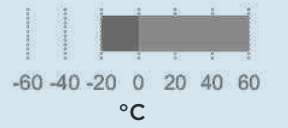
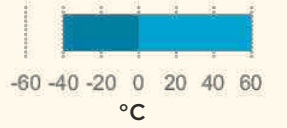

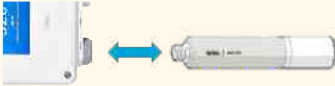




Comparison of CARBOCAP® Carbon Dioxide Probe GMP252 with Indigo 201 and CARBOCAP® Carbon Dioxide Transmitter GMT222

FEATURES	GMT222 1st generation CARBOCAP®	GMT252 & with Indigo201 2nd generation CARBOCAP®	BENEFIT of using GMP252 & Indigo201 instead of GMT222
Product design	<p>Host</p>  <p>Small, 7-segment display</p> <p>1st gen CARBOCAP® probe (+ cable)</p>	<p>Streamlined host</p>  <p>Detailed LCD screen</p> <p>2nd gen CARBOCAP® probe (+ cable)</p>	<p>Better display brings multiple benefits, e.g. stabilization graph</p> <p>Improved appearance</p>
Configuration	 <p>Serial communication, text-based interface</p>	 <p>Easy-to-use Wireless Configuration interface</p>	<p>Easier to use and remote access</p>
Accuracy with 0 ... 10 000 ppm CO₂ probe including repeatability, non-linearity and calibration uncertainty	<p>@2,000ppm @10,000ppm</p> 	<p>@2,000ppm @10,000ppm</p> 	<p>Even more accurate measurement</p>
Long term stability @2000ppmCO₂	 <p>max +250 ppm/yr</p>	 <p>max +60 ppm/yr</p>	<p>Less maintenance cost</p>
Temperature range	 <p>-20 °C ... +60 °C</p>	 <p>-40 °C ... +60 °C</p>	<p>Wider operation range</p>

FEATURES	GMT222 1st generation CARBOCAP®	GMT252 & with Indigo201 2nd generation CARBOCAP®	BENEFIT of using GMP252 & Indigo201 instead of GMT222
Probe and compatibility	 Interchangeable probe, requires opening of the housing GMT220 host can only be used with GMP220 series probes	 Smart, easy to detach, interchangeable probe Indigo hosts can be used with any other Indigo smart probe (and vice-versa)	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

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