

DETECTION – CMS: Chip Measuring System

→ CMS

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Q:	Do CMS chips require calibration?
A:	Gas Calibration is never required as calibration is in the Chip. The Analyzer does require an annual maintenance check.
Q:	What is the shelf life of the CMS chips?
A:	2 years. They are date stamped upon shipment from Draeger Safety.
Q:	In order to change the batteries on the CMS, do I remove the six screws?
A:	No. There is a capture screw at the bottom of the instrument, and this is the one that is removed to change the batteries. Removal of the six screws mandates a return to Draeger Service to have the instrument repaired. These should only be removed by an authorized Draeger service technician.
Q:	Can I perform remote sampling with the CMS?
A:	Yes you can perform remote sampling with the use of the remote sampling system for the CMS. An optional telescopic probe is also available. If you want to use the 10-meter extension hose it requires the analyzer with integrated remote, P/N 8317700.
Q:	Can I purchase the CMS Emergency Response Kit without chips and purchase the specific chips that I want?
A:	Yes. This can be done by ordering part number 4055976, and each of the individual chips that are needed for the specific application.
Q:	Do chips have a specific temperature storage requirement?
A:	Most do not. The ideal temperature required for storage is 77 degrees F. No cooler is required. However, there are some chips that do require storage of 50 degrees F (10 degrees Celcius) and they are 6406160, 6406030, 6406600, 6406250, and 6406260. These are the only exceptions.
Q:	Can data from the CMS be downloaded to a computer?
A:	No. The CMS can store the information from 50 measurements with the data recorder, but since the CMS is not a continuous monitor there is no benefit to being able to download data.
Q:	Does the CMS work on technical gases?
A:	No. The internal mass flow sampling pump works on air and nitrogen, but other gases with different molecular weights may cause a pump error.
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