

Step by step instructions

CA 015 / MG 013

Example: 2 samples

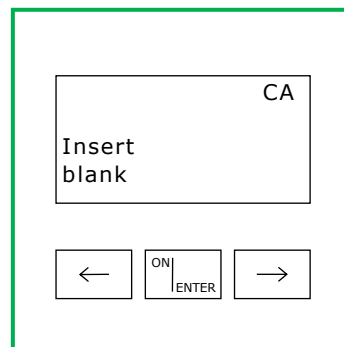
Additionally required: Calcium-Magnesium-Standard (CA ST), Diaglobal Round Cuvettes (LH 075)



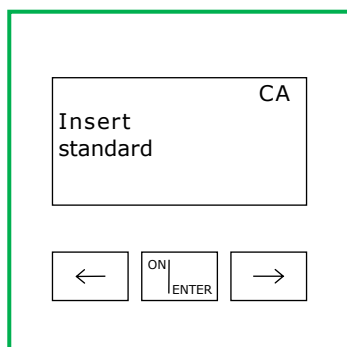
1. According to the working instructions pipette the specified quantities of buffer or colour solution into 4 cuvettes
Then pipette the standard and the two samples (Fig. 2)



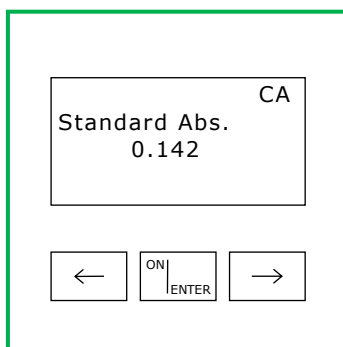
2. Pipette samples into cuvettes, mix well
Cuvette 1: nothing (= Blank for zero point)
Cuvette 2: Standard
Cuvette 3: Sample 1
Cuvette 4: Sample 2
CA 015: 50 µL / no waiting time
MG 013: 10 µL / 5 minutes waiting time



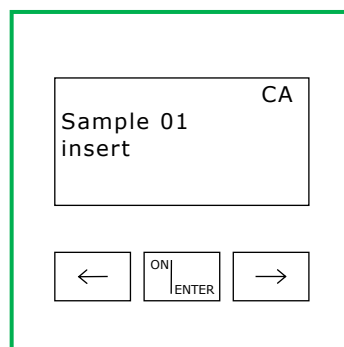
3. Switch photometer on with ON/ENTER key
Wait for device check, confirm with ON/ENTER
Select the required test, confirm with ON/ENTER



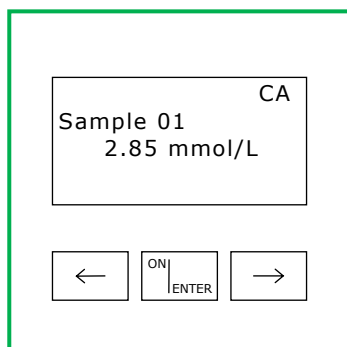
4. Zero point adjustment:
Insert cuvette 1 (blank for zero point) into photometer
Zero point is stored in memory
Remove cuvette after signal tone



5. Insert cuvette 2 (standard) into photometer
Photometer shows the standard absorbance
Note: If necessary, note this value for documentation purposes



6. Remove cuvette 2 (standard)



7. Insert cuvette 3 (sample 1) and then cuvette 4 (sample 2) into photometer
Read measured values one after the other



In regard to series measurement:
After zero point and standard setting any number of additional samples can be measured

Quality assurance
Recommended control material:
Calcium-Magnesium-Control
(Art. No. CA QS)