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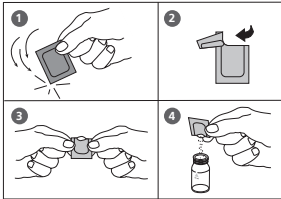
Iron (Note 1) with Vario Powder Pack

0.02 – 3 mg/l Fe



prepare Zero
press ZERO

1. Fill a clean vial (24 mm Ø) with **10 ml of the water sample**, close tightly with the cap.
2. Place the vial in the sample chamber making sure that the marks \times are aligned.
3. Press **ZERO** key.
4. Remove the vial from the sample chamber.



5. Add the contents of **one Vario Ferro F10 Powder Pack** straight from the foil to the water sample.
6. Close the vial tightly with the cap and swirl several times to mix the contents (Note 4).
7. Place the vial in the sample chamber making sure that the \times marks are aligned.

Zero accepted
prepare Test
press TEST

Countdown
3:00

8. Press **TEST** key.
Wait for a **reaction period of 3 minutes (Note 5)**.

After the reaction period is finished the measurement starts automatically.

The result is shown in the display in mg/l Iron.

Notes:

1. The reagent reacts with all dissolved iron and most undissolved forms of iron in the water sample.
2. Iron oxide requires prior digestion: use mild, vigorous or Digesdahl digestion (e.g. for digestion with acid see page 147).
3. Very strong alkaline or acidic water samples must be adjusted to a pH value between 3 and 5 before analysis.
4. Accuracy is not affected by undissolved powder.
5. Water samples containing visible rust should be allowed to react for at least five minutes.

| Reagent | Form of reagent/Quantity | Order-No. |
|-----------------|---------------------------------|------------------|
| VARIO Ferro F10 | Powder Pack / 100 | 530560 |