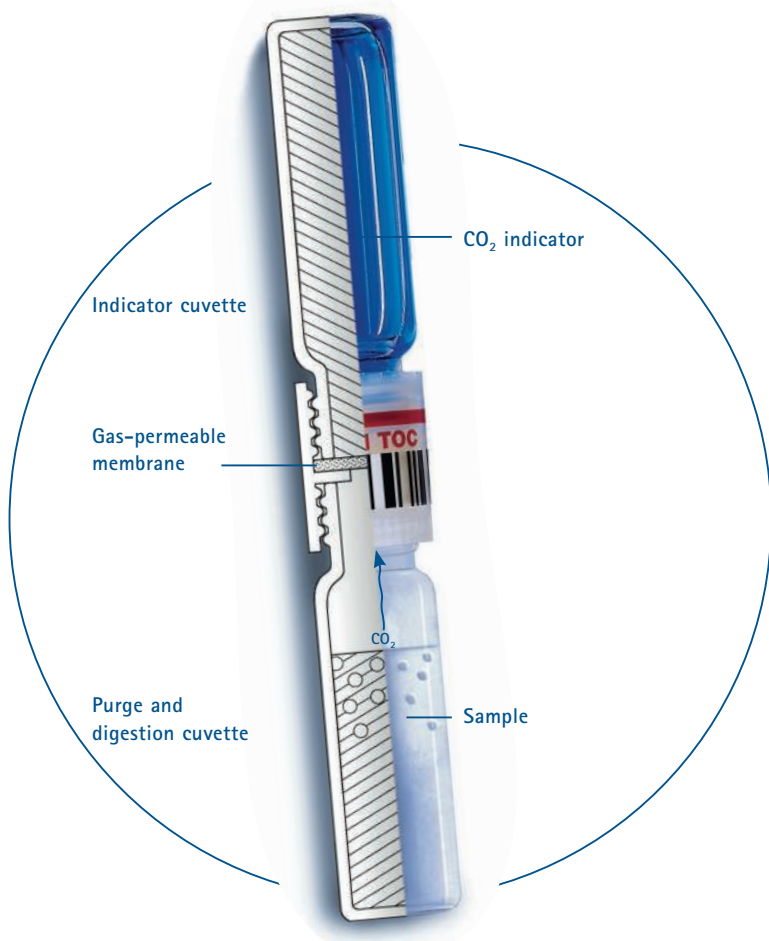


**PRODUCT INFORMATION**  
LABORATORY ANALYSIS  
CUVETTE TEST  
TOC



## TOC: Purge and digestion now in one cuvette!

- **Fast: Prepare up to eight samples simultaneously**
- **Reliable: All reagents are present in the right amounts**
- **Convenient: Choice of three measuring ranges**

### **The TOC test is even better**

A few years ago, LANGE was the first manufacturer to market the TOC cuvette test. In the meantime it has proved itself as a practical alternative test. Now the TOC test has been made even simpler. All reagents are present in the cuvette in the correct amounts, and purge and digestion take place in one cuvette. The new TOC-X5 shaker shortens the sample preparation time to just five minutes.

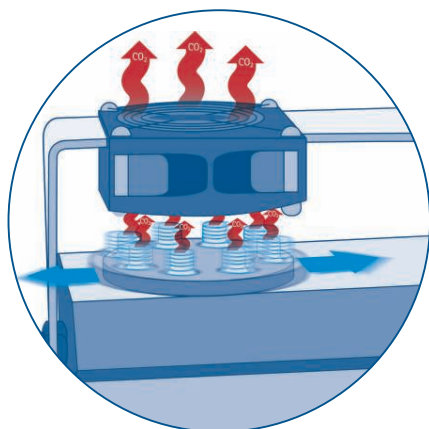
### **The significance of TOC is growing**

In some European countries, TOC has already replaced COD as a monitoring parameter. In other countries, regulatory bodies are increasingly using TOC as a reference value. In this context, the parallel determination of TOC and COD brings decisive advantages and operational reliability for the future.

### The principle of the TOC-X5

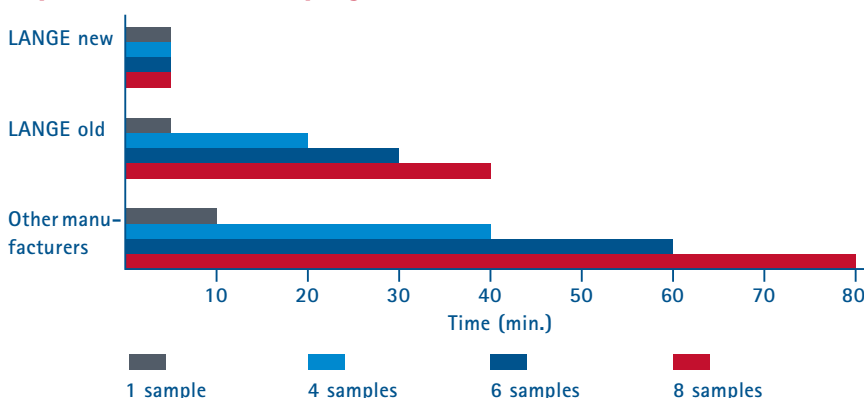
In conventional tests, the purge of the total inorganic carbon (TIC) is time consuming and labour intensive. This has now changed! The TOC-X5 enables the TIC to be purged from up to eight samples simultaneously in just five minutes. This efficiency is achieved by the combined effect of a shaker and a fan.

The carbon dioxide formed from the inorganic carbon is purged from the sample by the action of the shaker. The fan drives away the carbon dioxide from the space above the cuvette.



The TOC-X5 purges all the CO<sub>2</sub> within five minutes.

### Expenditure of time for purge of the TIC



The new LANGE TOC cuvette tests considerably reduce the sample preparation time.

### The working procedure

1. Pipette the sample into the digestion cuvette.
2. Shake the open cuvette for five minutes in the TOC-X5.
3. Screw on the double-cap.
4. Connect the indicator cuvette and the digestion cuvette.
5. Digest for two hours in the thermostat and allow to cool.
6. Evaluate.

No rinsing with organic-carbon-free water necessary!

### Ordering information

ARTICLE	DESCRIPTION	ORDER NO.
TOC cuvette test	For 25 determinations, measuring range 3-30 mg/l	LCK 385
	For 25 determinations, measuring range 30-300 mg/l	LCK 386
	For 20 determinations, measuring range 300-3,000 mg/l	LCK 387
ADDISTA standard solutions	For LCK 385	LCA 704
	For LCK 386	LCA 703
	For LCK 387 In test-specific concentrations, with two test solutions for free participation in HACH LANGE round robin tests, and spiking solution.	LCA 705
TOC-X5 shaker	- Insert for 8 cuvettes - Fan for effective purge of TIC - Automatic switch-off after 5 min.	Model no. LQV148

The new TOC cuvette tests can be evaluated on the following photometers: CADAS 30/30S/50/50S/200, DR 2800/5000, ISIS 6000/9000, LASA 30/50/100, XION 500