



Fit your life,
with our FIT



OC-SENSOR Ceres

COMPACT, MULTIFUNCTIONAL & HIGH PRECISION



OC-SENSOR Ceres provides powerful support for routine diagnosis and screening of lower digestive diseases.



Faecal Immunochemical Test (FIT) and Faecal Calprotectin Test (FCa) with a Single Sampling Bottle

In order to meet the increasing needs for endoscopic triage in primary care, the system provides rapid quantitative stool analysis to strongly support medical treatment.



High-End Analytical Performance in a Compact Body

OC-SENSOR Ceres makes quantitative stool testing more accessible to accounts not yet familiar with stool testing with its compact and easy operation design for anyone, anywhere. The system can be installed in clinical settings. No cell washing, no purified water supply system required, and minimal drainage. OC-SENSOR Ceres has achieved high analytical performance comparable to OC-SENSOR PLEDIA, with inheriting the concept of compact predecessor models.



Seamless Support to Faecal Tests

Today's laboratories are challenged with delivering high standards of laboratory services with fewer resources. OC-SENSOR Ceres offers a good assist to reduce various workload at laboratories through patient-friendly sampling packages, integrated data management and quality control to meet laboratory's management requirements.

Necessary Functions in a Compact Size

Random Access

For multiple items, FIT and/or FCa

Refrigerator for On-Board Reagents

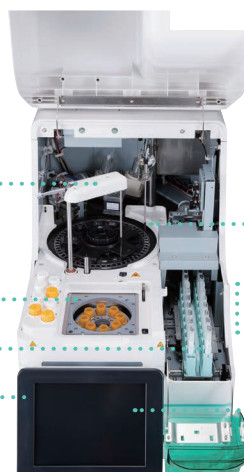
Good stability after opening reagents, even for small number of tests

6-Point Calibrator

The ready-to-use calibrator minimizes inter-laboratory variations and leads to more accurate testing.

3-Level QC

Three concentrations of control material are available for better internal QC.



Fully Automatic Dilution and Retest

Barcode Readers

Enables integrated information management in laboratory processes.

30% Less Waste Liquid*

Designed to reduce water supply and drainage
*compared to OC-SENSOR io

8.4" Touch Screen

With graphical user interface

Small Footprint

W 360 mm x D 625 mm x H 545 mm

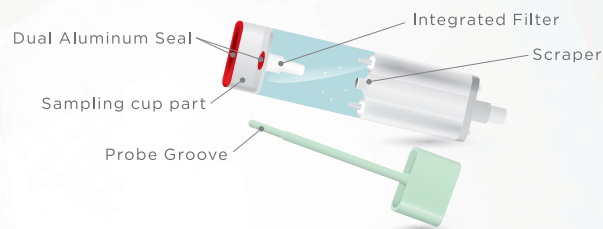
Multiple Tests with Sampling Bottle

A common Sampling Bottle reduces the burden of instructing patients on stool sampling and managing sampling devices, which used to be different for each test item.



Integrated Filtering System

The extraction is completed in Sampling Bottle.



Patient-friendly Sampling Kit Packages

With a proven track record and extensive experiences of being used in colorectal cancer screening programs across the world, Eiken can provide you with seamless solutions for sampling instructions, sample return, reception and reporting results. Please contact your local sales representative to design a customized solution for your specific needs.

Collection Sheet

- Printed sampling instruction
- Flushable paper
- Available in multiple forms to suit local situations

Ref: E-PB11, V-3003



Special Envelope

- Integrated absorbent pad
- Available for both 1- and 2-day sampling methods

Ref: V-3006, V-3002



Barcode/2Dcode Management

Test ID, operator ID, reagent lot & exp. date, and QC range can be managed by barcode, which enables integrated information management in laboratory processes.



Rapid Test Result Reporting

First report is provided in 8 min. for FIT and 10 min. for FCa. A single sampling device provides both test results simultaneously in 11 min.



*For FCa, wait at least one hour after collecting the feces before testing.

Superior Analytical Performance

OC-SENSOR Ceres makes quantitative stool testing more accessible by achieving analytical performance comparable to our high-end model, OC-SENSOR PLEDIA.

Limit of Detection & Quantitation

Analyser	Limit	FIT		FCa	
		Mean (ng/mL)	SD	Mean (ng/mL)	SD
OC-SENSOR Ceres	LoD	1.2 $\mu\text{g/g}$ (6ng/mL)	5 $\mu\text{g/g}$		
	LoQ	4 $\mu\text{g/g}$ (20ng/mL)	22 $\mu\text{g/g}$		
OC-SENSOR PLEDIA	LoD	1.8 $\mu\text{g/g}$ (9ng/mL)	9 $\mu\text{g/g}$		
	LoQ	5 $\mu\text{g/g}$ (25ng/mL)	23 $\mu\text{g/g}$		

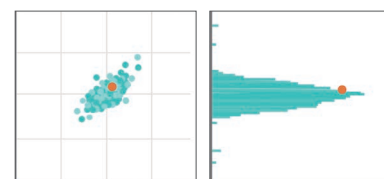
Repeatability

Analyser	QC Level	FIT			FCa		
		Mean (ng/mL)	SD	CV	Mean (ng/mL)	SD	CV
OC-SENSOR Ceres	Lv3	73.9	0.9	1.2 %	83.9	1.74	2.1%
	Lv1	145.7	1.6	1.1 %	252.7	2.4	1.0%
	Lv2	453.0	3.4	0.8 %	508.5	4.9	1.0%
OC-SENSOR PLEDIA	Lv3	71.4	1.1	1.5 %	-	-	-
	Lv1	148.7	2.0	1.4 %	252.7	2.8	1.1%
	Lv2	450.2	8.1	1.8 %	496.0	4.1	0.8%

*In-house data

Between Labs Quality Control

Eiken offers an external quality assessment service (Eiken Quality Control Survey; EQCS*) for OC-SENSOR users through our local distributors. The service started in 1995 and currently more than 1500 laboratories from 20+ countries participate in the program every year. EQCS supports laboratories to assess their performance objectively by comparison of the testing results among the participants. *Currently we are conducting surveys for FIT only.



VISIT OUR WEBSITE

at www.eiken.co.jp
For More Information



EIKEN CHEMICAL CO., LTD.
4-19-9 Taito, Taito-ku, Tokyo, Japan

EC REP

Advena Ltd.
Tower Business Centre, 2nd Flr., Tower Street,
Swatar, BKR 4013 Malta



3086 AIB

April 2022

Consumables and reagents shown in this leaflet are not provided with the instruments.