

The perfect FIT – no matter your workload

# FOB Gold



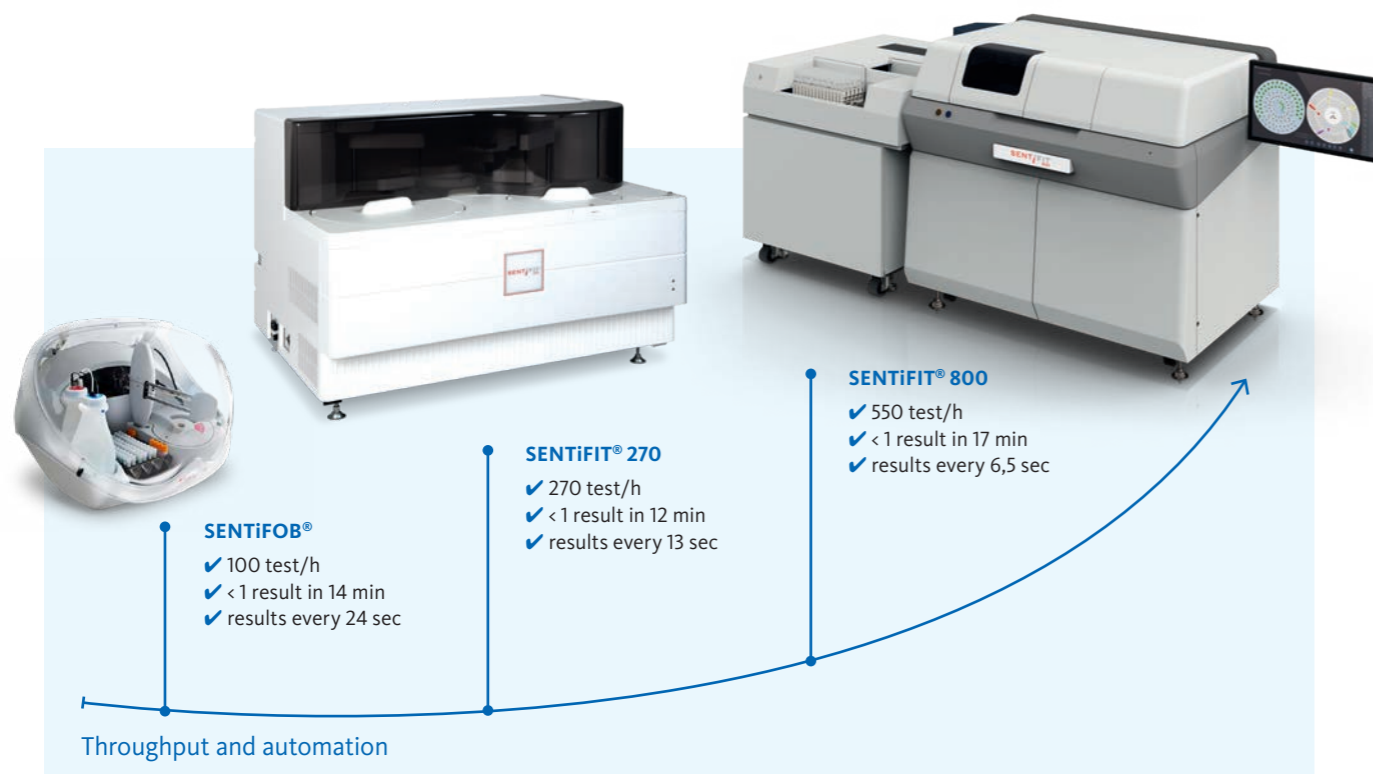
# The perfect FIT, no matter your workload

*Analysing faeces samples for occult blood/haemoglobin (FOB) is an important diagnostic test since a positive result might indicate serious disease such as colorectal cancer (CRC), whereas a negative result may help to exclude such disease. Among the FOB tests, the quantitative faecal immunochemical test (FIT) shows a performance superior to conventional qualitative tests and answers to clinical laboratories' needs for automation and traceability.*

The particular strength of our offered FIT solutions is their flexibility, which allows providing 'the perfect FIT' for your FIT testing, whatever your throughput needs. With the FOB Gold tube and scalable analyser hardware, we can offer solutions tailored to your needs – whether you run a big number of samples requiring a highly automated solution, have a medium workload or only process a moderate number of samples.

## FIT on a dedicated stand-alone faecal analyser

The SENTINEL analyser portfolio comprises three dedicated standalone analysers covering all needs ranging from high to moderate workloads. Both the SENTIFIT® 800 and the SENTIFIT® 270 analysers are highly automated clinical-chemical systems while the SENTIFOB® is more suitable for smaller workloads. All of them are especially developed for the quantitative determination of faecal occult blood using the FOB Gold pierceTube. They are a highly reliable solution, suitable for FIT testing of asymptomatic populations within the scope of centralised or decentralised screening programmes as well as for symptomatic patients in all hospitals or clinical laboratories.



## A perfect FIT for the testing of symptomatic patients

Apart from its screening use, FIT is also an effective measure for ruling out bowel cancer and avoiding unnecessary colonoscopy in symptomatic patients. This test can help to exclude or detect CRC after individuals with lower abdominal symptoms have been seeking medical advice. Although in most cases such symptoms do not stem from serious disease, they are very common, and physicians often refer their patients to invasive investigation. With resources for colonoscopy being limited in many places, FIT can serve as an effective non-invasive test and provide answers quickly.

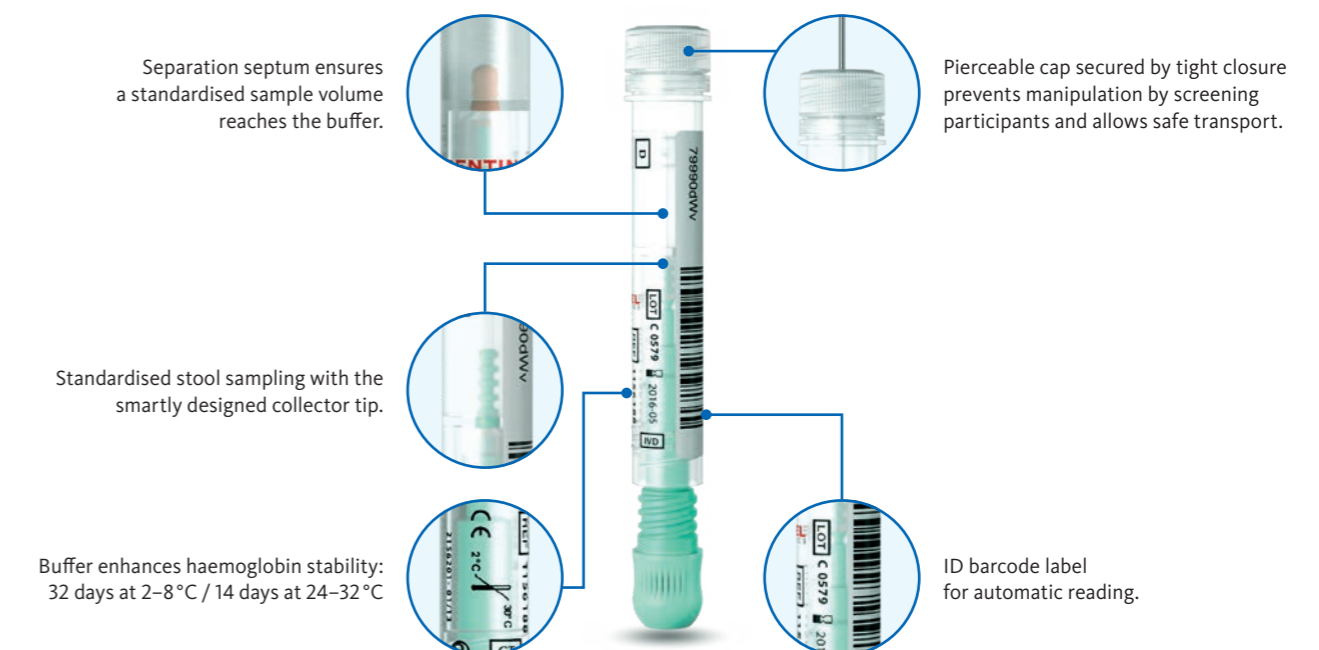
### A flexible and reliable system

- Dedicated standalone faecal analysers with different throughput for different needs
- Batch testing is feasible thanks to the high Hb stability in the buffer
- No contamination risks – hygienic 2-in-1 tube design with safety seal

# FOB Gold – our core value: reliable and easy to use

The patented, FOB Gold tube ensures the perfect FIT for each laboratory, thanks to its unique set of features:

- ✓ Pierceable tube – use with dedicated stand-alone analysers or total lab automation
- ✓ 2-in-1 collection tube: easy, safe and hygienic
- ✓ Directly ready for analysis upon arrival in the lab: reliable
- ✓ Quantitative results allow defining a cut-off: efficient
- ✓ For screening of populations and testing of symptomatic patients: flexible



## Dedicated FIT analysers (selection)

Features	SENTiFIT® 270 Analyser	SENTiFIT® 800 Analyser (Rack Handler)
<b>Type of instruments</b>	bench top	stand alone
<b>Throughput/h</b>	up to 270 (220 typical routine)	up to 550
<b>Dimensions W × H × D [mm]</b>	870 × 625 × 670	1300 × 1150 × 850 (890 × 924 × 850)
<b>Weight [kg]</b>	120	300 (110)
<b>Data memory</b>	1.000.000 sample test 25.000 calibration results test 50.000 QC test	1.000.000 sample test 25.000 calibration test 50.000 QC test
<b>Sample probe level detector</b>	yes	yes
<b>Sample probe clot detector</b>	yes	yes
<b>Time to first results (ready/standby)</b>	12 min	17 min
<b>Time to subsequent result</b>	13 sec	6,5 sec
<b>Prozone check</b>	yes	yes
<b>Dilution</b>	1:10 (automatic)	1:10 (automatic)
<b>Reagent barcode reader</b>	yes (automatic)	yes (automatic)
<b>Calibrator/control barcode reader</b>	no	yes (dedicated barcode)
<b>Refrigerated reagent space</b>	yes (8–15° C)	yes (8–15° C)
<b>Reagents: on board tests (autonomy)</b>	1.250	> 11.000

### Key features

- SENTiFIT® 270 and SENTiFIT® 800 are highly automated analysers
- Continuous sample loading
- Automatically detects appropriate buffer level in the tube; the integrated sensor prevents blocking of sample needle
- Detects prozone, thereby avoiding false-negative results, and high concentration samples which can be automatically diluted
- Barcode reader saves time
- Refrigerated reagent positions for long storage stability
- The SENTiFIT® 800 Analyser has direct connection to the water supply and drainage.

[www.sysmex-europe.com/fit](http://www.sysmex-europe.com/fit)

### Article overview SENTiFIT® 800 Analyser

Article no	Item	Package content
1156188	SENTiFIT® pierceTube (FOB Gold pierceable tube)	100 tubes
1156012	SENTiFIT® FOB Gold Latex Wide	2 × 60 mL 6 × 20 mL (1410 tests)
1157401	FOB Gold Calibrator Wide	1 × 2 mL CAL + 5 mL DIL
1157103	FOB Gold Control Set Wide	2 × (1 × 2) mL
1157501	FOB Gold Screen Diluent	2 × 20 mL

### FOB Gold tube patent

EP patent 2223656 'Enhanced test tube for collecting, transporting and extracting faeces samples'.

### IATA-certified

The FOB Gold tube conforms to UN3373 classification for the transport of biological substances.

SENTiFIT®, SENTiFOB® and FOB Gold® are trade marks in various jurisdictions, which are exclusively licensed to SENTINEL CH. SpA.

Distributor EMEA: Sysmex Europe SE · [www.sysmex-europe.com](http://www.sysmex-europe.com)  
 Manufacturer: SENTINEL CH. SpA · [www.sentinel diagnostics.com](http://www.sentinel diagnostics.com)

You will find your local Sysmex representative's address under [www.sysmex-europe.com/contacts](http://www.sysmex-europe.com/contacts)