

F152 – SIL 2 low-cost flame monitoring system

The launch of the newly developed LAMTEC flame monitoring system F152 with a wide range of accessories in July 2013 received quite positive response from our customers. Flame monitor F152 with the flame scanners of series FFS07 and FFS08 comes in a double channel design and provides dynamic, electronic self-monitoring.

Low-budget flame monitoring for continuous operation

F152 together with the flame scanners FFS07 and FFS08 has a SIL 2 confirmation and is approved for continuous operation. F152 is designed for cabinet mounting and, together with the flame scanners FFS07 and FFS08, it constitutes a safety device to monitor burner flames without particular selective tasks. Modification to country-specific main frequencies is not necessary as the main frequencies are filtered off frequency-based. F152 has a digital flame frequency evaluation and LED status display as well as a 0-20mA analogue output for displaying the flame intensity.

During development of the new flame scanner generation, compatibility to the predecessor models was an important factor: FFS07 is identical with FFS05 as regards dimensions, whilst FFS08 corresponds to the dimensions of the FFS06.

Flame scanner FFS07 and FFS08 for monitoring tasks in UV or IR range

According to customers' requirements, the flame scanners FFS07 and FFS08 are available with sensors for IR or UV range. The system is suited for monitoring of burner flames without particular selective tasks in single and multi-fuel burners in heating plants and process heating systems run with oil, gas, biomass, dust and process gases.

The new monitoring system F152 offers the well-proven and tested safety our customers are very well entitled to expect from LAMTEC. F152 has all relevant certificates. Flame monitor F152 and the flame scanners FFS07 as well as FFS08 are SIL 2 approved according to IEC61508 part 2. They comply with the standards DIN EN 298 and DIN EN 746-2 for process heating systems. They also fulfill the requirements of the Pressure Equipment Directive (97/23/EG) and Gas Appliances Directive (2009/142/EG). Flame scanner FFS07 can be applied as explosion-proof equipment for installation in hazardous environments up to Ex zone 2. For the variant FFS07...Ex a certification for Ex-Zone 1 is under way. It can be installed outdoors.



Curious? Then contact us and discover the advantages this low-cost alternative for monitoring of burner flames without particular selective tasks in UV and IR range can offer for you.

Upon request we will send you detailed product information, order details and a list of criteria for selecting the suited flame scanner for the chosen fuel.

Simply send an email to info@lamtec.de with the subject line <F152 info material>.

Our sales team (sales@lamtec.de, Phone +49 6227 / 6052-0) is looking forwards to answering your technical questions and queries on F152.

LAMTEC supports flood victims...

LAMTEC group, positioned internationally but nevertheless firmly rooted regionally through its headquarter in Walldorf and the development competence center in Taucha near Leipzig, helps the victims of the flood which devastated whole areas in June. LAMTEC donated money to Diakonie Mitteldeutschland (charity organisation for central Germany), thus demonstrating solidarity with the region and the people and providing urgently needed help for the victims of the flood. Even if the flood does no longer make headlines in the media coverage, the people affected by this natural disaster still need your support. [Here](#) you can find information on how to make a donation.

...supports young scientists

LAMTEC Leipzig GmbH & Co. KG actively supports the Deutschlandstipendium (scholarship for Germany) at Anhalt University. Also in 2013, LAMTEC Leipzig actively supports young scientist. Being a future-oriented technological company, LAMTEC thus is always in sync with technological progress and in close contact with young talents in R&D. You can find more information on this at the website of [Anhalt University](#).

...and is also a good sport



LAMTEC participants, from left to right:

1st row: Raphael Nickel, Enrico Rendl, Thomas Kallenbach
2nd row: Wolfram Erdmann (Team-Captain), Tobias Pfundt,
Martin Zosgornik, Maik Noczensky

The Commerzbank company run in Leipzig which was originally scheduled for June 4, 2013 had to be rescheduled because of the flood hitting the region in June. It finally took place on July 10, 2013. More than 10000 runners in different categories participated and went on the 5 km track. The LAMTEC Leipzig team reports an impressive rank 371 in team scoring thus promoting and filling with life the Olympic idea.

Also as regards individual ranking the "runners" from LAMTEC Leipzig achieved a respectable midfield position. As the team members are all active in sports, but far from being semi-professional track and field athletes, crossing the finishing line at all presented the first and foremost milestone to be reached. Therefore LAMTEC congratulates on this performance and is very proud of OUR team. Information on the company run is available [here](#).

LAMTEC Training for Experts in Taucha, near Leipzig

Due to the more than positive response to the seminar for employees of authorities, notified bodies and approved certification agencies which LAMTEC organized for the first time in October 2012, we will hold this kind of seminar also at our development location Taucha near Leipzig.

The seminar provides an in-depth insight into the safety architecture of devices for control and monitoring of burners. The seminar focuses on LAMTEC devices, however, also common solutions widely available on the market will be dealt with. The seminar addresses employees of authorities, notified bodies and approved certification agencies. The two-day seminar will take place at LAMTEC Leipzig in Taucha from September 10 to September 11, 2013.

There are still some seats left on this seminar. Register online [here](#). You can download the program [here](#)

You will find more detailed information on this seminar on our website, select item Service/Support, then training courses. For questions on this seminar please contact Ms Annette Walther (a.walther@lamtec.de) or by phone +49 (0) 06227 6052-42).

English language training courses 2013

04.11.2013-08.11.2013

LAMTEC Basic training for ETAMATIC (in Walldorf)

Information on our training courses, detailed training programs and information on online registration can be found [here](#).

Advance notice – new LT1 measuring gas pump

Please note for future orders that our current measuring gas pumps will be replaced by new ones with brushless, electronically commutated and thus wear-free motors. Our customers will profit from the higher lifetime of these pump motors. Please consider that prices for this new technology will be adjusted accordingly and will thus increase slightly. We will note the new order number on the order confirmation you receive. During a transitional period we will note the new article number also for orders reaching us with the old article number.

Old Article number	Replaced by Article number
657R0872	657R0936
657R0836	657R0937