Service Check for imc measuring devices

"We will protect your investment!"

Optimum maintenance for your measuring device

We are pleased to introduce our new **service check** - a comprehensive service aimed at maximising the service life and operational reliability of your measuring devices. The service check replaces the previous system revision and system inspection and offers you a proactive solution for maintenance and prevention of system failures. The service check includes the system maintenance of our imc devices according to the service interval schedule as specified by the manufacturer, as well as a complete function test.

Typical work during the service check:

✔ **Replacement of wearing parts:**

Wearing parts such as fans or batteries are subject to a natural ageing process. Replacing these components in good time prevents sudden failures and ensures that your device always works efficiently. This is particularly important to maintain operational reliability and avoid expensive downtime.

✔ **Updating the system through hardware updates:**

Our measuring devices and the components installed in them are subject to constant further development. We check the revision status of circuit boards and assemblies and bring them to the latest hardware status. The updates include improvements to existing parts, which optimises the performance of your systems.

✔ **Check against error messages stored in the service database:**

This helps us to quickly identify and rectify known problems.

✔ **Check and save the device configuration:**

We make sure that all settings are correct to ensure optimum performance.

If the measuring system fails, we can access the data and restore the original settings.

✔ **Cleaning and cosmetic repairs:**

A clean interior contributes to the lifespan of your measuring device. We remove dirt from the device professionally and remove any dust from the inside of the device to ensure optimum functionality. Cosmetic repairs such as the renewal of labelling are also included in the scope of services.

✔ **Visual inspection:**

A careful visual inspection enables us to recognize potential problems at an early stage.

✔ **Complete function test of all system components:**

A complete functional test is necessary to ensure the reliability and accuracy of your system. By checking all functions, previously unnoticed damage can be identified and rectified before it leads to major problems. It also ensures that all system components work together optimally and deliver the desired results. A comprehensive function test therefore makes a decisive contribution to the long-term performance and safety of your system.

In contrast to calibration, in which only the measuring channels are checked for their tolerances, all other functions of the measuring system are also thoroughly tested during the function test.

The function test is carried out according to a test plan and is performed by experienced specialists, taking into account the known history of the device.

✔ **further work:**

VDE safety inspection in accordance with DGUV 3 (DIN EN 61010-1)

Carrying out software updates

Order Code		article no.
SERV/CHECK-M1	Includes system maintenance for one module (or measurement amplifier) of type M1 according to service interval schedule of the manufacturer, plus a complete functional check	150000558
SERV/CHECK-B1	Includes system maintenance for one base unit of type B1, including all contained measurement amplifiers, according to service interval schedule of the manufacturer, plus a complete functional check	150000559
SERV/CHECK-B2	Includes system maintenance for one base unit of type B2, including all contained measurement amplifiers, according to service interval schedule of the manufacturer, plus a complete functional check	150000560
SERV/CHECK-TEL-MOD	Includes a functional check of the telemetry module according to manufacturer requirement	150000590
SERV/CHECK-TEL-DEV	Includes system maintenance for a telemetry device according to the service interval schedule of the manufacturer	150000592
SERV/CHECK-TEL-HOUSING	Includes system maintenance for a telemetry device housing according to the service interval schedule of the manufacturer	150000594

The following overview shows the assignment of the devices and measuring modules to the above-mentioned groups.

Group	imc Product	Type	Example	Calibration (per amplifier)	Calibration + Adjustment (per amplifier)	DAkkS Service Package	HV Check	Service Check	Repair flat rates
B1	ARGUS*fit*	device	B1 - base unit					150000559	150000562
	BUSDAQ	device	a slimline						
	BUSDAQ*flex*	device	base unit						
	CRONOS*flex*	device	with 0 to 3						
	CRONOS-PL (small)	device	measuring amplifier						
	C-SERIE	device	(CRFX-2000GP,						
	iMEAX	device	CRPL-2, CRPL-3)						
B2	CRONOS*compact*	device	B2 - base unit	X				150000560	150000563
	CRONOS-PL (large)	device	a wide base unit						
	CRONOS-SL	device	(CRC-400-XX,						
	CRONOS-XT	device	SPAR-R-N,						
	EOS	device	SPAR-2-N,						
	SPARTAN-N	device	CRXT-2000)						
	SPARTAN (classic)	device							
	CRONOS*flex*	handle	UPS-HANDLE, Li-IO-HANDLE					150000558	150000561
	CRONOS-XT	handle	CRXT/POWER-X						
	ARGUS*fit*	handle	UPS-NiMH						
M1	μ-CANSAS	module	M1 - modules	150000556	150000557	150000555	X	X	X
	ARGUS*fit*	module	single measuring modules				150000581	150000558	
	ANDIS	module					150000581		
	CANSAS	module	(CRFX/ICPU-8,				150000581		
	CANSAS Druck	module	CRXT/UNI-4,				X		
	CANSAS IHR	module	CANFX/SCI16)				X		
	CANSAS*fit*	module							
	CANSAS*flex*	module							150000561
	CANSAS-SL	module							
	CRONOS*flex*	module					150000581		
	CRONOS-XT	module							
	iMEAX	module							
M1	CRONOS*compact*	module	M1 - modules					X	
	CRONOS-PL	module	plug-in modules						
	CRONOS-SL	module							
	C-SERIE	module	(CRC/UNI2-8,						
	SPARTAN-N	module	SPAR/U16)				X		
	SPARTAN (classic)	module					X		

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Technical Data Sheet

Group	imc Product	Type	Remarks	Calibration (per channel)	Calibration + Adjustment (per channel)	Service Check	Repair flat rates
T1	T1-PCM	module	one channel module	150000591	150000612	150000590	150000609
	TEL1-PCM	module					
T2	CTP	module	Multi-channel modules	150000591	150000612	150000590	150000609
	CTP-NT	module					
	MT32 / CT	module					
	MTP	module					X
	MTP-NT	module					X
T3	Decoder	module	Multi-channel / built into decoder			X	150000609
T4	for all products	module	Data acquisition (controller, receiver, transmitter)	X	X	150000590	150000609
D1	RPM-8000	device		150000596 [1]			X
D2	Decoder	device		X	X	150000592	150000611
	Gateway	device					
	HF-Box	device					
	PCM-Receiver	device					
	Power Generator	device					
D3	TEL/HOUSING	device	Housing for modules			150000594	150000610

[1] This consultation includes the service check and calibration for an RPM-8000 device. Adjustment is not provided for this device.

Contact imc

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Service and maintenance

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imc ACADEMY - Training center

The safe handling of measurement devices requires a good knowledge of the system. At our training center, experienced specialists are here to share their knowledge.

E-Mail: schulung@imc-tm.de

Internet: https://www.imc-tm.com/service-training/imc-academy

International partners

You will find the contact person responsible for you in our overview list of imc partners:

Internet: https://www.imc-tm.com/imc-worldwide/

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