



Official partner of Analog Devices Inc.



OEM pricelist

Contents

1. EmStat Pico	2
1.1 Development Kit	2
1.2 EmStat Pico Modules	3
2. EmStat3 and EmStat3+	4
2.1 Development Kit	4
2.2 EmStat3 Modules	5
2.3 EmStat3+ Modules	6
3. OEM accessories	7
4. Software	9


1. EmStat Pico

The EmStat Pico is a joint development by PalmSens BV and Analog Devices Inc. For first time customers we recommend the EmStat Pico Development Kit [ESPICO-DK]. The EmStat Pico Development Kit allows you to run your experiments conveniently in our PStace software for electrochemistry.

PStace enables you to find the optimal settings for your experiment and allows you to extract the generated script for the EmStat Pico. This script can be transferred directly into your (embedded) code for controlling the EmStat Pico. This means that the EmStat Pico will run the exact same experiment once it has become an embedded part of your system, like a handheld reader for example.

The EmStat Pico modules are available in different versions which support specific electrochemical techniques.

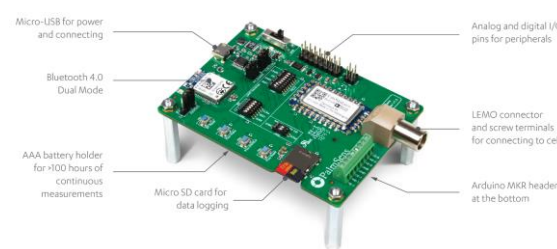
1.1 Development Kit



DEVELOPMENT KIT

Includes:

- EmStat Pico Development Board + mounted EmStat Pico module (with 'ALL' license)
- Standard sensor cable
- Crocodile clips (4x)
- Dummy Cell
- Micro-USB cable
- 8GB SD-Card (*inserted in on-board SD connector*)
- Screen Printed Electrode connector (2x)
- Quick Start document
- Access to PStace and Software Development Tools (my.palmsens.com)



Order Code:	ESPICO-DK
1+ units:	EUR 1550
10+ units:	On request

1.2 EmStat Pico Modules

EmStatTM pico

Built with  ANALOG
DEVICES
MODULES

Includes:

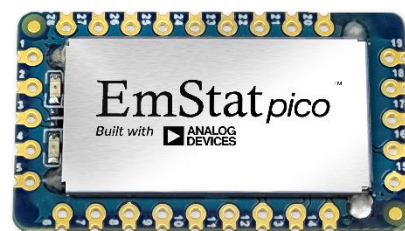
- Calibrated EmStat Pico module
- Full functional test
- License for .NET Software Development Kits
- Versions A, B, C or ALL (A+B+C) for supported electrochemical techniques

Supported techniques per version:

Version A) BASE	
CA	Chronoamperometry
PAD	Pulsed Amperometric Detection
OCP	Open Circuit Potentiometry
MA	MultiStep Amperometry
LSV	Linear Sweep Voltammetry
CV	Cyclic Voltammetry

Version B) ADVANCED	
CA	Chronoamperometry
PAD	Pulsed Amperometric Detection
OCP	Open Circuit Potentiometry
MA	MultiStep Amperometry
LSV	Linear Sweep Voltammetry
CV	Cyclic Voltammetry
SWV	Square Wave Voltammetry
DPV	Differential Pulse Voltammetry
NPV	Normal Pulse Voltammetry

Version C) EIS/FRA	
CA	Chronoamperometry
PAD	Pulsed Amperometric Detection
OCP	Open Circuit Potentiometry
MA	MultiStep Amperometry
LSV	Linear Sweep Voltammetry
CV	Cyclic Voltammetry
EIS	Electrochemical Impedance Spectroscopy



Example order code: ESPICO-C

Order Code:	ESPICO-			
	A	B	C	ALL
1+ units:				EUR 500
10+ units:				EUR 460
50+ units:	EUR 308	EUR 326	EUR 336	EUR 390
100+ units:	EUR 262	EUR 279	EUR 289	EUR 340
500+ units:	EUR 206	EUR 222	EUR 232	EUR 280
1000+ units:	EUR 170	EUR 185	EUR 195	EUR 240
5000+ units:	On request			

2. EmStat3 and EmStat3+

The EmStat3(+) is a research grade potentiostat that was initially developed for OEM purposes. The EmStat3(+) is a reliable and versatile potentiostat that found its way to the market in many different forms.

The EmStat3(+) module is successfully integrated in devices for specific applications, but also in our own product range that we sell for generic research purposes such as the EmStat Blue, EmStat Go and MultiEmStat.

2.1 Development Kit

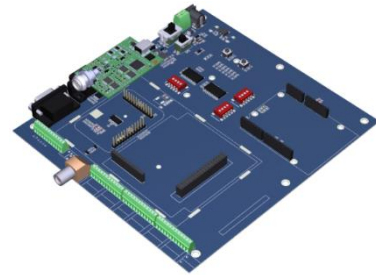
EmStat³ and 3⁺ DEVELOPMENT KIT

Includes:

- EmStat3(+) Development Board
- EmStat3 or EmStat3+ module with Lemo and USB connector
(*EmStat module mounted on development board*)
- Standard sensor cable
- Crocodile clips (4x)
- Dummy cell
- Mini-USB cable
- Quick Start document
- USB flash drive with documentation
- Access to PSTrace and Software Development Tools (my.palmsens.com)

Options compatible with Development Board and EmStat3 module:

- MUX8 multiplexer module [ES3M-DK-MUX08]
(*MUX8 module mounted on development board*)
- MUX16 multiplexer module [ES3M-DK-MUX16]
(*MUX16 module mounted on development board*)
- Low noise 5V power supply (EUR 80) [POWER 5V]



Order Code:	EmStat3 Development Kit	
	ES3M-DK	ES3M-DK-MUX08 ES3M-DK-MUX16
1+ units:	EUR 1550	EUR 2085
5+ units:	On request	

Order Code:	EmStat3+ Development Kit	
	ES3PM-DK	
1+ units:	EUR 1800	
5+ units:	On request	

EmStat³ and 3⁺ STARTER KIT

Includes:

- EmStat3 or EmStat3+ module with Lemo and USB connector
- Standard sensor cable
- Crocodile clips (4x)
- Dummy cell
- Mini-USB cable
- Quick Start document
- USB flash drive with documentation
- Access to PSTrace and Software Development Tools (my.palmsens.com)

Options compatible with EmStat module:

- MUX8 multiplexer module [ES3M-SK-MUX08], includes :
 - MUX8 module
 - Shielded flat cable with female socket for pin header
- MUX16 multiplexer module [ES3M-SK-MUX16], includes :
 - MUX16 module
 - Shielded flat cable with female socket for pin header
- Low noise 5V power supply [POWER_5V]
- Terminal Block [TB-MUX08] / [TB-MUX16]



Order Code :	EmStat3 Starter Kit	
	ES3M-SK	ES3M-SK-MUX08 ES3M-SK-MUX16
1+ units:	EUR 1050	EUR 1585
5+ units:	On request	

Order Code :	EmStat3+ Starter Kit	
	ES3PM-SK	
1+ units:	EUR 1300	
5+ units:	On request	

2.2 EmStat3 Modules

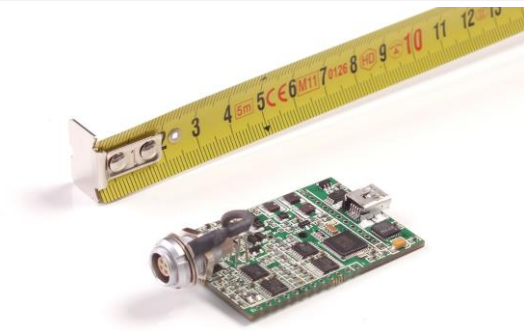
EmStat3TM MODULES

Includes:

- Calibrated EmStat3 module [ES3M-U]
- USB Connector
- Full functional test

Options:

- Assembled LEMO sensor connector [ES3M-U-L]
- Sensor cable [CBL-SNS-4L-4]
- Sensor cable with open end [CBL-SNS-4L-100CM]



EmStat3 module incl. LEMO sensor connector

Order Code:	ES3M-	
	U	U-L
1+ units:	EUR 910	EUR 910
5+ units:	EUR 815	EUR 815
10+ units:	EUR 720	EUR 720
20+ units:	EUR 600	EUR 625
40+ units:	EUR 500	EUR 525
100+ units:	EUR 370	EUR 395
500+ units:	EUR 345	EUR 370
1000+ units:	On request	

EmStat3TM with MUX8/MUX16 MODULES

Includes:

- Calibrated EmStat3 module [ES3M-U-L]
- USB Connector
- LEMO Connector
- Full functional test
- MUX8 module [MUX8M] or MUX16 [MUX16M] module

Options:

- Sensor cable [CBL-SNS-4L-4]
- Sensor cable with open end [CBL-SNS-4L-100CM]
- Shielded flat cable with female socket for pin header (on request) (EUR 15/meter)
- Terminal Block [TB-MUX08] / [TB-MUX16]



Assembled EmStat3 module with MUX8 module

Order Code:	ES3M-U-L-	
	MUX8M	MUX16M
1+ units:	EUR 1445	EUR 1445
5+ units:	EUR 1340	EUR 1340
10+ units:	EUR 1270	EUR 1270
20+ units:	EUR 950	EUR 950
40+ units:	EUR 795	EUR 795
100+ units:	EUR 590	EUR 590
500+ units:	EUR 545	EUR 545
1000+ units:	On request	

2.3 EmStat3+ Modules

EmStat3+™

MODULES

Includes:

- Calibrated EmStat3+ module [ES3PM-U]
- USB Connector
- Full functional test

Options:

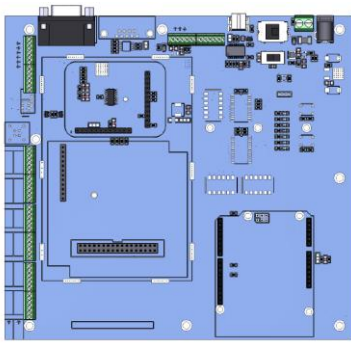
- Assembled LEMO sensor connector [ES3PM-U-L]
- Sensor cable [CBL-SNS-4L-5S]
- Sensor cable with open end [CBL-SNS-4L-100CM]



EmStat3+ module incl. LEMO sensor connector

Order Code:	ES3PM-	
	U	U-L
1+ units:	EUR 1160	EUR 1160
5+ units:	EUR 1030	EUR 1030
10+ units:	EUR 910	EUR 910
20+ units:	EUR 765	EUR 790
40+ units:	EUR 635	EUR 660
100+ units:	EUR 470	EUR 495
500+ units:	EUR 440	EUR 465
1000+ units:	On request	

3. OEM accessories



Development Board

Development Board for EmStat module (*EmStat module not included*)

Includes:

- Development Board
- Copper can (Faraday cage)

Order Code:	DEVBRD-ESM
1+ units:	EUR 500



RS232 shifter

Converts the EmStat Rx/Tx lines to RS232

Includes:

- RS232 shifter
- RS232 cable

Order Code:	RS232_MOD
1+ units:	EUR 50

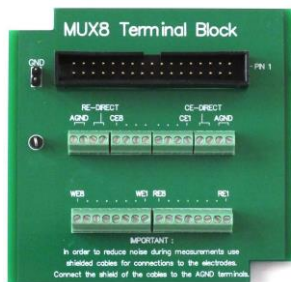


5V Adapter

Includes:

- Low noise 5V power supply
- DC socket

Order Code:	POWER_5V
1+ units:	EUR 80



Terminal Block

Terminal Block specifically designed for MUX8 and MUX16 multiplexers. The Terminal Block can be connected to the multiplexer via a flat cable

Order Code:	TB-MUX08	TB-MUX16
1+ units:	EUR 220	EUR 220



Sensor cable

Standard sensor cable for use with:

- EmStat3 [CBL-SNS-4L-4]
- EmStat3+ [CBL-SNS-4L-5S]
- EmStat Pico Development Kit [CBL-SNS-5L-4]

	EmStat3	EmStat3+	ESPICO-DK
Order Code:	CBL-SNS-4L-4	CBL-SNS-4L-5S	CBL-SNS-5L-4
1+ units:	EUR 100	EUR 100	EUR 100



Sensor cable with open end

Sensor cable that terminates with open end (standard 100 cm cable).

- EmStat3 or EmStat3+ [CBL-SNS-4L-100CM]
- EmStat Pico Development Kit [CBL-SNS-5L-100CM]

	EmStat3/3+	ESPICO-DK
Order Code:	CBL-SNS-4L-100CM	CBL-SNS-5L-100CM
1+ units:	EUR 50	EUR 50



Crocodile Clips

4 croc clips for standard sensor cable

Order Code:	CROC-SET01
1+ units:	EUR 10



Dummy Cell

Dummy Cell used to test PalmSens and EmStat

Order Code:	DUMMYCELL
1+ units:	EUR 20

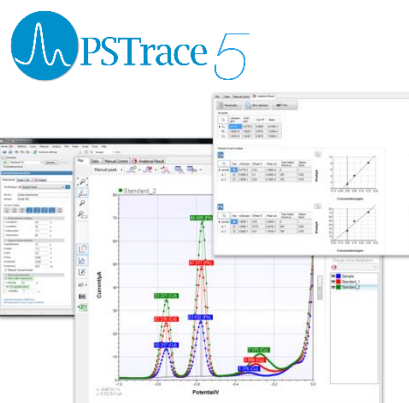
4. Software

PSTrace

PSTrace provides support for all techniques and device functionalities. With a smooth simple interface, showing only the applicable controls, PSTrace is suitable for all levels of user experience.

PSTrace for OEM

Custom or rebranded software is available on request. Please contact PalmSens BV for more information.



Price:

PSTRACE
Free

PStouch

PStouch is an app for Android devices that can be used with all PalmSens and EmStat potentiostats. PStouch communicates with your potentiostat directly via USB or Bluetooth.

PStouch for OEM

Custom or rebranded software is available on request. Please contact PalmSens BV for more information.



Price:

PSTOUCH
Free (Google Play Store)

PalmSens SDK

Our potentiostat modules come with extensive code libraries that allow you to develop applications for the most popular platforms.

More information: <https://embed.palmsens.com/knowledgebase/>



Price:

SDK
STANDARD INCLUDED

Please don't hesitate to contact PalmSens for more details:
info@palmsens.com

PalmSens BV
The Netherlands
www.palmsens.com

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