

EC-Lab,
BT-Lab,
SCAN-Lab products



Bio-Logic Science Instruments



Bio-Logic SAS (1983)

1 64

EIS

20

/

EIS

(

)

16

: 2, 4, 5, 8, 10, 20, 80 100 A

± 15 , ± 30 , ± 48 ,

(50 , 150 A)

(aA)

(16

)

- LSG (

150 A (VMP-300

)

: EC-Lab[®], OEM package, UiEChemTM/UiECorrTM



Single
potentiostats/galvanostats

Multi
potentiostats/galvanostats

Boosters

High current
potentiostats/galvanostats

Battery
test stations

Software
package

Fuel cell
test stations

Scanning
systems

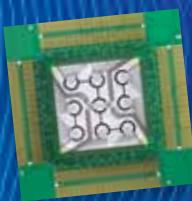
Ordering
information



**Education/
training**



Corrosion



Sensors



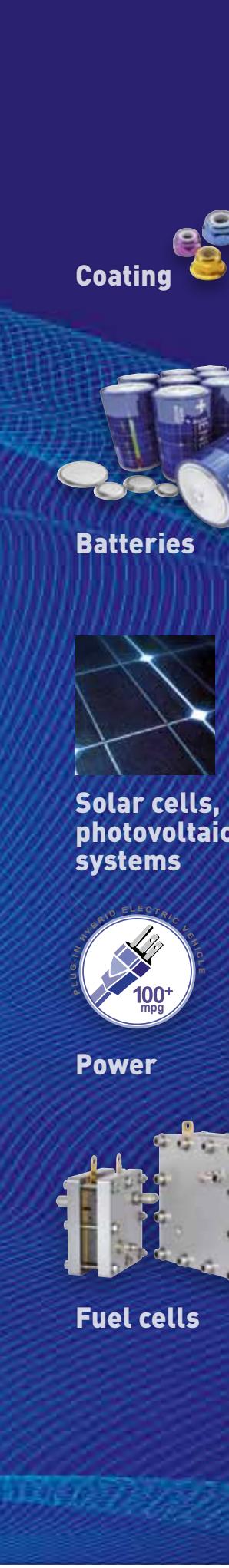
Nanotechnology



**General
electrochemistry**



Supercapacitors



Coating	/	PG-581 SP-50 SP-150 SP-200 SP-240 SP-300	6 6 7 7 8 8	Single potentiostats/galvanostats
Batteries	/	VSP VSP-300 VMP3 VMP-300 BiStat 3200 SensorStat	10 10 11 11 12 12	Multi potentiostats/galvanostats
Solar cells, photovoltaic systems		VMP-300 technology VMP3 technology	14 14	Boosters
Power		HCP-803 HCP-1005 CLB-2000	16 16 16	High current instruments
Fuel cells		MPG-2xx BCS-815	18 19	Battery test stations
		EC-Lab® EC-Lab® graphics UiEChem™/UiECorr™	20 21 22 23	Software package
		FCT-50S/Z FCT-150S/Z FC-Lab	24 24 25	Fuel cell test stations
		M470 M370	27 27	Scanning systems
			30	Ordering information



SP-50

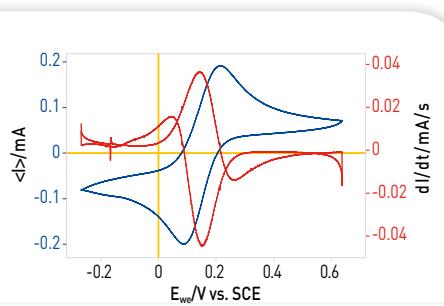
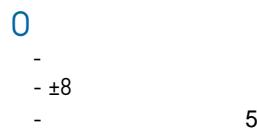
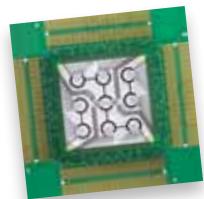


PG-581

SP-50

PG-581

SP-50





SP-150

SP-200

High-end
SP-200

SP-150

SP-200

SP-200

SP-150

SP-200

9

EIS.

SP-200

EIS.

80 100 A) 2

(1

(2, 5, 10,20,

).

).

EIS 2, 5, 10, 20, 80 100 A

: 2

1

: 1

EIS 1 A 7 : 1 /

: 2

: 1



SP-300

SP-240

SP-240

4 A

/EIS

SP-240

SP-200/SP300, SP-240

SP-300

/EIS

SP-300 SP-200

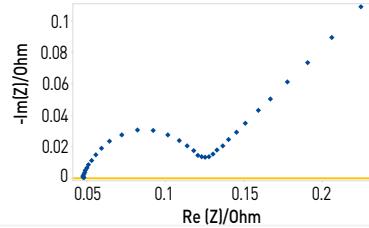
SP-300

() . A

EIS)



EIS : 1 A
: 7 : 1



EIS : 1 A
: 7 : 1
/ : 1 A/48 ; 4 A/(-3; 14) ; 2 A/
30 ; 10 A/5

Single potentiostats/galvanostats

* LC:
(1):

[1]:

*** LSG:
. 16

	PG-581	SP-50/SP-150	SP-200/SP-240/SP-300
EIS	1	1 10 to 1 [SP-50:]	1 (SP-300: 2) 10 to 7 (1 /), 1
IR	10 2, 3	20 2, 3, 4, 5 , EIS, ([])	/ 12 [1 LSG] 2, 3, 4, 5 , EIS, ([])
	±20 A	±800 mA	SP-200: ±500 A, SP-240: ±4 A, SP-300: ±10 A 10 A
	8: 1 A 10 A	6: 10 A 1 A	9: 10 1
	-	9: 1 A 100 A (SP-50:)	13: 1 1 A
	±10 1	±20 A 10	±100 10
	-	±2 A 1 A	±100 1
	61	0.8 A 10	0.8 10
	-	80 1	80 1
			S -200: , SP-240: 4 SP-300: 1 A, 2 A, 4 A, 10
	0,1 [/ 5]	2, 5, 10, 20, 80, 100 1 [/ 20] , (SP-50:)	ULC: 100 : 1 (/ 10 pF),
	±8	±10	±12 (±48 48)
	±2 (±8)	0-20 SP-50:	SP-200: ±10 , SP-240: -3; 10 , SP-300: ±48 48
	61 ±2	5 200	1 60
	< 5 2	< 5 200	< ±1
	±2 (±8)	±2.5 , ±5 , ±10	±25 , ±250 , ±2.5 , ±5 , ±10
	10 /	200 /	200 / (1 / LSG)
	1.6	1	8
	/ 1 / 1	< 2	< 500
I/O (/TTL)	/	3/2	3/2
{ x x }	USB 2.0 84 x 180 x 52.5	Ethernet, USB 2.0 136 x 377 x 197	Ethernet, USB 2.0 SP-200: 167 x 410 x 225 , SP-240/SP-300: 205 x 410 x 225
{ + }	15 0.3	110 SP-50: 4.0 , SP-150: 4.5	350 SP-200: 6 , SP-240/SP-300: 7.5

n.a.: not available

Single potentiostats/galvanostats

Multi potentiostats/galvanostats

Boosters

High current instruments

Battery test stations

Software
package

Fuel cell test stations

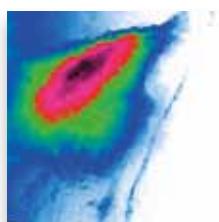
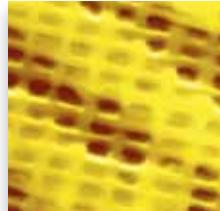
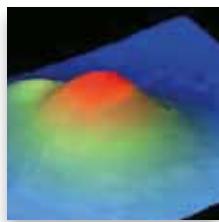
canning
systems

Ordering information



SensorStat

BiStat 3200



, BiStat 3200

2

/

- RC10 V
- ±8 V

14

SensorStat
14-

98-

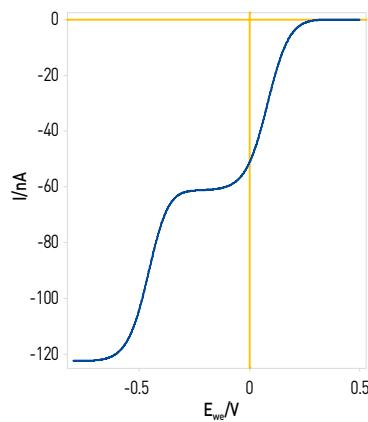
BiStat

,

7 14-

SensorStat

SensorStat.



Multi potentiostats/galvanostats

* LC: (1):

. 16

	BiStat 3200/SensorStat	VSP/VMP3	VSP-300/VMP-300
EIS	BiStat 3200: 2, SensorStat: 14	VSP: 5, VMP3: 16 10 - 1	VSP-300: 6, VMP-300: 16 10 - 7 (1 /), 1
IR	10 2, 3	20 2, 3, 4, 5 , EIS, ()	/ 12 (1 LSG) 2, 3, 4, 5 , EIS, ()
	±20	±400	±500 A (VMP-300: 150 A 10 A)
	8: 1 - 10	6: 10 - 1	9: 10 - 1 A
	-	9: 1 - 100 (SP-50:)	13: 1 - 1 A
	±10 1	±20 A 10	±100 10 A
	-	±2 1	±100 1 A
	61	0.8 A 10	0.8 A 10 A
	-	80 1	80 aA 1 A
		4 A VSP	1 A, 2 A, 4 A, 10 A
	2, 5, 10, 20, 80, 100 A, 2	2, 5, 10, 20, 80, 100 A, 2	
	0,1 (//5)	1 (//20)	1 (//10), ULC: 100 (//6)
	±8	±10	±12 (±48 48)
	±2 (±8)	0-20	±10 (±48 1 A/48)
	61 ±2	5 200	1 60
	< 5 ±2	< 5 ± 2.5	<±1
	±2	±2.5 , ±5 , ±10	±2.5 , ±5 , ±10 , ±25 , ±250
	10 /	200 /	200 / (1 / LSG)
	1.6 M	1	8
/	1 / 1	< 2	< 500
I/O (/TTL)	/	3/2	3/2
{ x x }	USB 2.0	Ethernet, USB 2.0	Ethernet, USB 2.0
	BiStat 3200: 213 x 110 x 240 SensorStat: 450 x 320 x 135	, VSP: 435 x 335 x 95 , VMP3: 495 x 465 x 260	, VSP-300: 525 x 505 x 150 , VMP-300: 534 x 565 x 315
	BiStat 3200: 15 , SensorStat: 130	, VSP: 300 , VMP3: 650 ,	, VSP-300: 650 , VMP-300: 1500
{ + }	BiStat 3200: 2.1 , SensorStat: 14	, VSP: 8 , VMP3: 20	, VSP-300: 23 , VMP-300: 30

Single potentiostats/galvanostats

Multi potentiostats/galvanostats

Boosters

High current instruments

Battery test stations

Software package

fuel cell test stations

canning
systems

Ordering Information

VMP-300

1 150 5 48

SP-300, VSP-300 VMP-300.

4

: 1 A/48 , 2 A/30 , 4 A/14 , 10 A/5 .

2 A, 4 A 10 A

±1 A/±48
±2 A/±30
±4 A/[-3;14]
±10 A/[0;5]

-
-
-
- EIS
-
-
- 5-
-
- [. . .]



VMP3

SP-150, VSP VMP3

(2, 5, 10 20) .

8

80 100 .

(HCP-803, HCP-1005

4

.16).

VSP.

±2 A, ±5 A, ±10 A, ±20 A on ±10
-20 +20
±80 A ±3
±100 A (0.6 - 5)
: ±4 A 20

-
-
-
- EIS
-
-
-
- 5-



Booster

high current and high voltage

VMP-300

	1 / 48	2 / 30	4 / 14	10 / 5
	± 1 A < 2 1 A	± 2 A < 4 2 A	± 4 A < 8 4 A	± 10 A < 60 10 A
	± 49 ± 48	± 30 ± 30	-3 V; +14 -3 V; +10	0; +5 0; +5
EIS	10 - 2 [-3] [.] / [.] < 250	10 - 1 > 3 50 / < 200	10 - 1 > 4 50 / < 200	10 - 1 M > 8 50 / < 200
	2, 3, 4, 5	2, 3, 4, 5	2, 3, 4, 5	2, 3, 4, 5

VMP3

	2/4/5 A	8/10/20 A	80/100 A
Контроль ячейки			
Подключение	2, 3, 4, 5 контактных вывода	2, 3, 4, 5 контактных вывода	2, 3, 4, 5 контактных вывода
Напряжение	настаиваемый ± 10 В диапазон	настаиваемый ± 10 В диапазон	80 A: ± 3 В 100 A: 0.6 - 5 В
Максимальный ток	2 A: ± 2 A, 4 A: ± 4 A, 5 A: ± 5 A	8 A: ± 8 A, 10 A: ± 10 A, 20 A: ± 20 A	80 A: ± 80 A, 100 A: ± 100 A
Максимальный потенциал	± 20 В	± 20 В	$\pm 3/5$ В
Время подъема потенциостат спада	15 мкс 40 мкс	25 - 60 мкс 50 - 120 мкс	95 мкс - 1.7 мс 150 мкс - 4.0 мс
Measurement			
Точность по току	2 A: < 4 мА при 2 A диапазоне, 4 A: < 8 мА при 4 A диапазоне, 5 A: < 10 мА при 5 A диапазоне	8 A: < 16 мА при 8 A диапазоне, 10 A: < 20 мА при 10 A диапазоне, 20 A: < 40 мА при 20 A диапазоне	80 A: < 160 мА при 80 A диапазоне, 100 A: < 200 мА при 100 A диапазоне
Шум потенциала (полная амплитуда (0-100 кГц)	0.6 мВ	0.6 мВ	0.6 мВ - 0.15 мВ (0-10 кГц)
Шум тока (полная амплитуда (0-100 кГц)	1 мА @ 2/4/5 A	3 мА @ 8/10 A, 6 мА @ 20 A	20 мА @ 80 A, 5 мА (0-10 кГц)
Электрометр			
Полоса пропускания	1 МГц	1 МГц	1 МГц
EIS			
Макс.частота (точность 1%, 1°)	2 A: до 150 кГц, 4 A: до 130 кГц, 5 A: до 120 кГц	8 A: до 100 кГц, 10 A: до 80 кГц 20 A: до 80 кГц	80 A: до 15 кГц, 100 A: до 10 кГц
Амплитуда	0.5 мВ при 0.5 В - 0.1% при 50% диапазона тока	0.5 мВ при 0.5 В - 0.1% при 50% диапазона тока	0.5 мВ при 0.5 В - 0.1% при 50% диапазона тока
Общие			
1 внешний вход	защитный разрыв цепи (TTL level)	защитный разрыв цепи (TTL level)	защитный разрыв цепи (TTL level) Кнопка экстренной остановки
Мощность	1,000 Вт	1,000 Вт	1,000 Вт
Размеры корпуса [Ш x Д x В]	495 x 465 x 260 мм	495 x 465 x 260 мм	495 x 465 x 260 мм
Вес корпуса	24 кг	24 кг	24 кг
Вес платы усилителя	2 A: 1 кг, 4 A: 0.85 кг, 5 A: 1 кг	8 A: 1.4 кг, 10 A: 2 кг, 20 A: 4.2 кг	80 A: 4.8 кг, 100 A: 9 кг

Single
potentiostats/galvanostats

Multi
potentiostats/galvanostats

High current
instruments

Battery
test stations

Software
package

Scanning
systems

Ordering
information

HCP-803

HCP-803

80

± 3

80

VMP3 (EIS),



HCP-1005

HCP-1005

0,6 5 ± 100

HCP-1005 EIS
HCP-803 -
100

- Lithium-ion
- Nickel-Cadmium

- Nickel-Metal hydride



CLB-2000

150 /50

CLB-2000

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CLB-2000

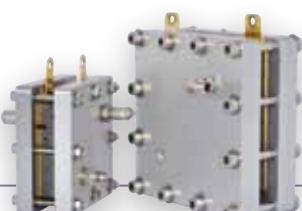
EIS

VMP3

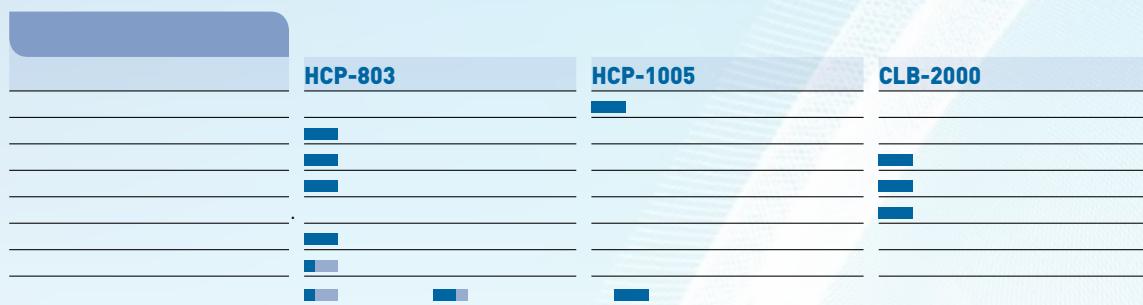
(30).

- SAM-50: (50)

VMP3



High current instruments



	HCP-803	HCP-1005	CLB-2000
EIS	10 - 15	10 - 10	10 - 10
	20	200	200
	2, 3, 4, 5	2, 3, 4, 5	2, 3, 4, 5
IR	, EIS,	, EIS,	, EIS,
	± 80 A	± 100 A	-150 A
	7: 10 - 80 A	7: 10 - 100 A	7: 10 - 150
	< 160 80 A	< 200 100 A	< 750 150 A
()	6.4 80 A	8 100 A	6 150 A
	10 (//20)	10 (//20)	-
	± 3	0.6-5.0	50
	5 200	5 200	400 0-50
	10 ± 5	10 0-5	50 0-50
	10	10	10
/	95	1.7	-
I/O (/TTL)	3/2	3/2	3/2
		I/O	I/O
	PT100		
	Ethernet, USB 2.0	Ethernet, USB 2.0	Ethernet, USB 2.0
[x x]	495 x 262 x 465	495 x 262 x 465	495 x 262 x 465
	1000	1000	2000
[+]	23	25	28

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MPG-2xx



-	: 10	0,004%
- 0-9		
-	300	
5		
(100	5)	: 200
-		

5

EIS.
 - MPG-2: 16 /100 ,
 - MPG-205: 8 /5 A ,
 - MPG-210: 4 /10 A ,
 - MPG-220: 2 /20 A ,
 - MPG-240: 1 /40 A.



MPG-2



MPG-205

5

net. , MPG-2xx

Ether-

MPG-210



MPG-220



MPG-240

MPG-2xx

().

EC-LAB®,

EIS

- BH-2 MPG-205, MPG-210
 - {5 }
 - (25) (2.5)



BCS-815

BCS-815

19" .
8 , 5 , 10 @ 7 5 @ 9 .

120 . EIS 10

1

5 8

BCS-815

- EIS : 1 - 10 : 0-9 : 40
 - : 1 - 10 : 20
 - : 120 : 2
 - : 2
 - : 1 , 1 , 1 open in
 - : 1 , 1 , 1
 - 0
 - 4 8
 - 0.25 , 2.5 , 5

Ordering
information

Scanning
systems

Fuel cell
test stations

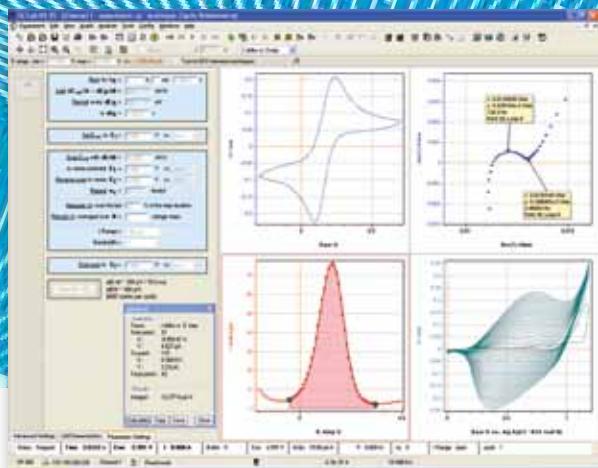
Battery
test stations

High current
instruments

Boosters

Single
potentiostats/galvanostats

EC-Lab®



EC-LAB®

15

EC-LAB®

EC-LAB®.

SP-50, SP-150, SP-200, SP-240, SP-300

VMP-300, VSP, VMP3, VSP-300

HCP-803, HCP-1005, CLB-2000

MPG2, MPG-205, MPG-210, MPG-220,
MPG-240

EC-LAB®

80

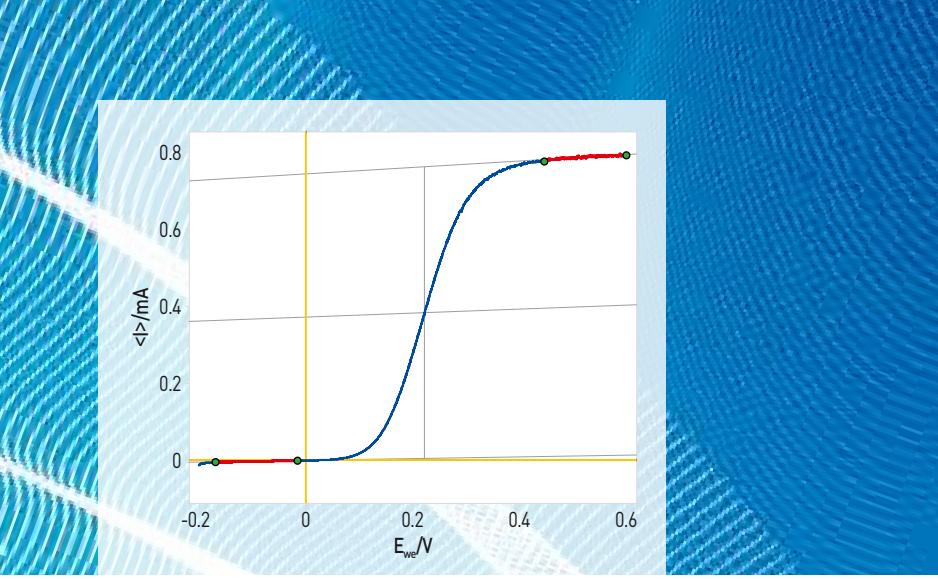
, EIS,

100

EIS

EIS
10 7

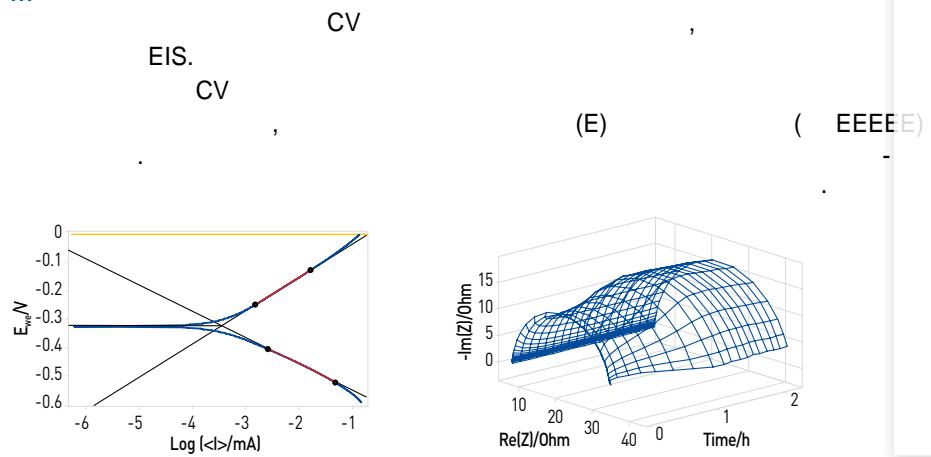
EIS (22).



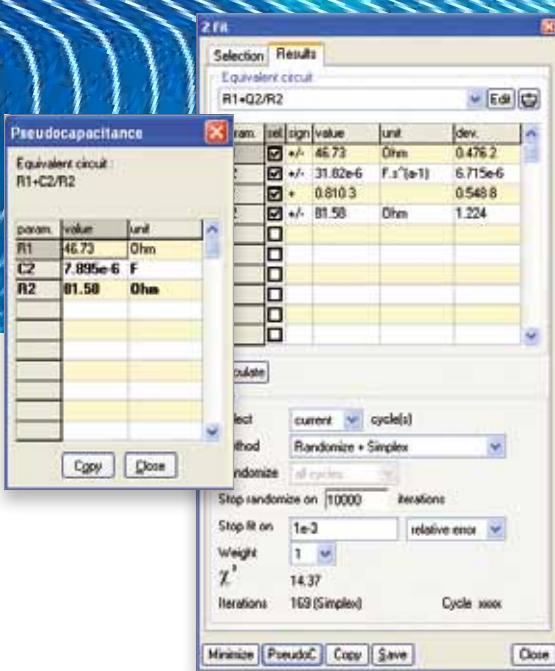
EC-Lab® graphics

EC- Lab ®,
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 " " ,
 ,
 (,y1 y2).
 ...
 EC- Lab ®
 (, , / , ,
 ,
) .
 EIS EC- Lab ®, Z,
 150

(R, C, L, Q, W , G, WD , M , Ga , Gb , La , , MQ) .

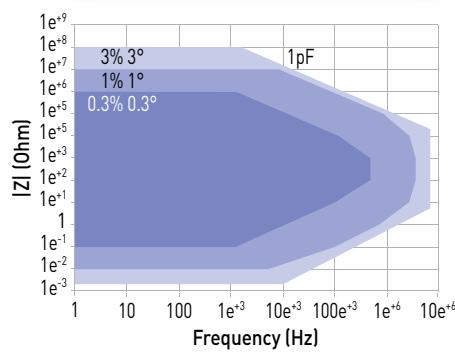


	Peak Analysis...	Single potentiostats/galvanostats
	Wave Analysis...	
	CV Sim...	
	R _p Fit...	Multi potentiostats/galvanostats
	Tafel Fit...	
	Electrochemical Noise...	
	Corr Sim...	Boosters
	VASP Fit...	
	CASP Fit...	
	EIS	High current instruments
	Z Fit...	
	Z Sim...	
	Mott-Schottky...	Battery test stations
	Kramers-Kronig...	
	Process data (capacity, efficiency, energy...)	
	Photovoltaic analysis (fill factor, efficiency...)	Software package
	Polynomial Fit...	
	Multi-Exponential Fit...	
	Line Fit...	Fuel cell test stations
	Subtract Files...	
	Integral...	
	Min Max...	Scanning systems
	Filter...	
	Fourier Transform...	
	Linear Interpolation...	



(EIS)

EIS



EIS contour plot of SP-300 with standard cable

Logic,

EIS.

Bio-

DSP,

EIS,

16

()

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(SPEIS ,

(SGEIS).

EIS

1%, 1 °

500

SP-200/300,
0,3%, 0,3 °

EC -Lab ®

Z,
150

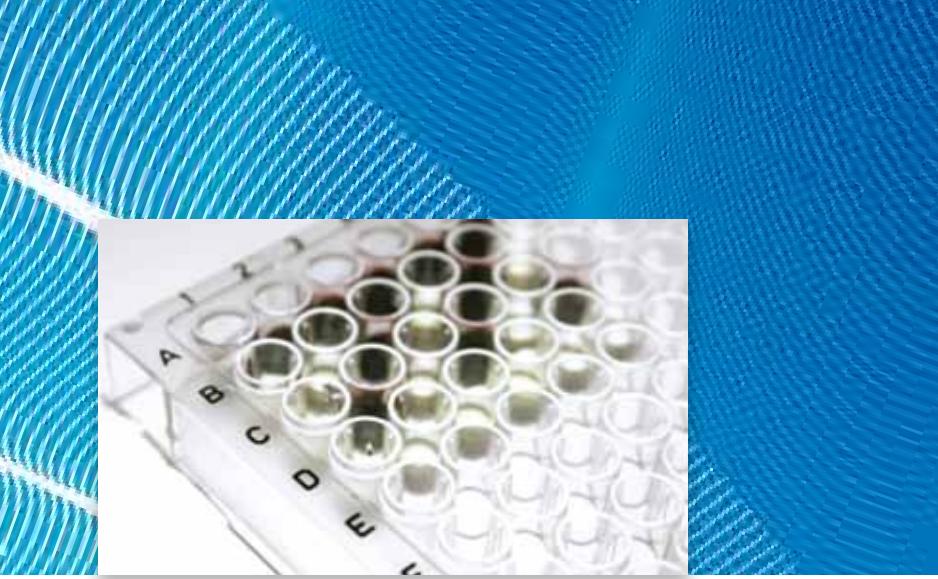
(Simplex DownHill

13
Levenberg-Marquardt),

- EC- Lab ®

Z

Z.



UiEChem™/UiECorr™

UiEChem™/UiECorr™

BiStat 3200, SensorStat

PG-581,

UiEChem™:

- Cyclic Voltammetry,
- Linear Sweep Voltammetry,
- Chronoamperometry,
- Chronopotentiometry,
- ChronoOCV,
- Chrono auxiliary potential,
- Square Wave Voltammetry,
- Normal Pulse Voltammetry,
- Differential Pulse Voltammetry

UiECorr™:

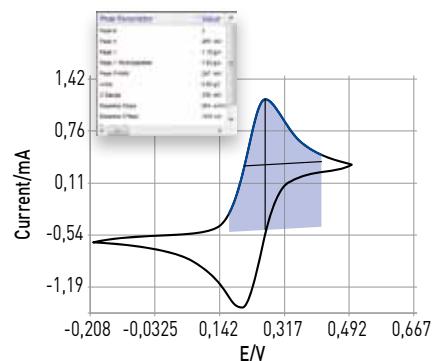
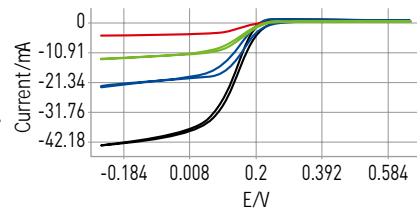
- Ecorr vs Time,
- Linear Polarization Resistance,
- Tafel Plot,
- Potentiostatic Polarization,
- Galvanostatic Polarization,
- Potentiodynamic Polarization,
- Zero Resistance Ammetry

UiEChem™ / UiECorr™

UiEChem™

PG-581

BiStat 3200, SensorStat



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Ordering
information

FCT-50S/Z & FCT-150S/Z

25 50 2 PEM FC

FCT-50S / Z FCT-150S / Z

PEM FC (

).

(250),

(,)

(0 V) 150 (FCT-150S / Z) 50

(FCT-50S / Z).

, Bio-Logic

FC-Lab.

- PEM FC

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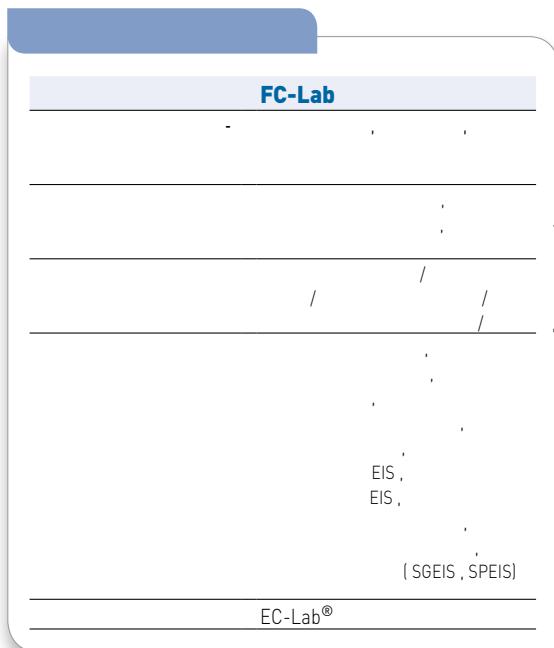
	FCT-50S/Z	FCT-150S/Z
50 A	150 A	
5	5	
250	250	
0.7 Ω	0.7 Ω	
EIS	10 - 10	10 - 10
	0.5% FSR	0.5% FSR
	4 A	11 A
	76	76
	0-40 /	0-120 /
	0-100 /	0-300 /
	0-5	0-5
5	, , -	, , -
	Ethernet	Ethernet
	,	,
	,	,
	,	,

N2

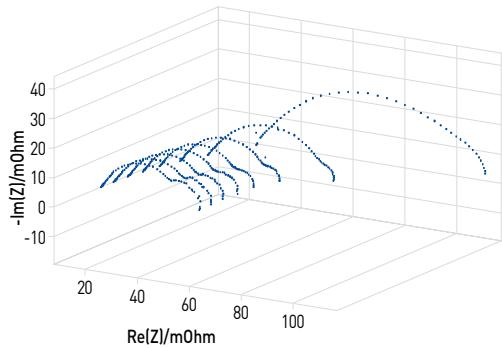


FC-Lab

FC-Lab



EC- Lab ® ($Z \dots$).



Single
potentiostats/galvanostats

Multi
potentiostats/galvanostats

Boosters
Boosters

High current
instruments

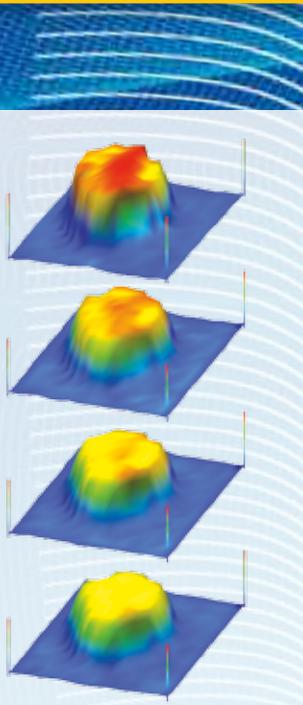
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E_{corr} changes due to flow rate variation on mild steel sample (obtained by SDS technique).

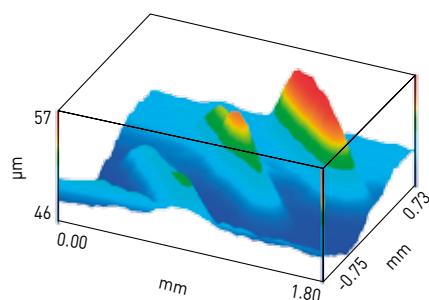
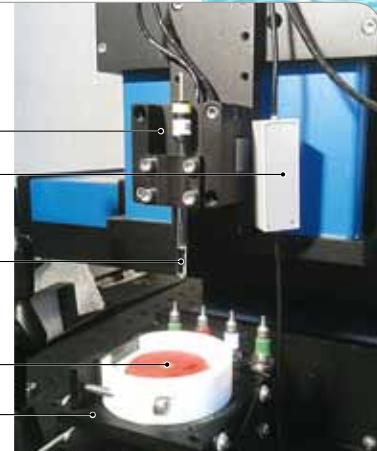
SECM			
ac-SECM		()	
ic-SECM			
LEIS			
SVP (SVET)	10-15		
SDS			
ac-SDS			
SKP			
OSP	1		

ic-SECM

ic-SECM

SECM.

M470



M470

M470

4

M470

9

- SECM
- LEIS
- ac-SDS
- ac-SECM
- SVET
- SKP
- ic-SECM
- SDS
- OSP



M470	M370
9	6
20	100
100	70
10 /	2 /
± 10	± 2
1 A - 1 A	20 A - 1 A
24-bit	16-bit
1	

M370

M370

M370
(SECM, SVET, SKP, LEIS, SDS, OSP)

6

- SECM
- LEIS
- SVET
- SDS
- SKP
- OSP



μ TriCell™,
(VCAM3) 3D
(3DIsoPlot™).

(Tricell™

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PG-581	PG-581	UiEChem™	U-PG581
	PG-581	UiECorr™	U-PG581-C
SP-50	SP-50	EC-Lab®	092-050
SP-150	SP-150	EC-Lab®	092-150
	/	()	092-06/1
	/	EIS ()	092-06/2
		()	092-06/3
SP-200*	SP-200	EC-Lab®	094-080
	/	()	094-081/1
	/	EIS ()	094-081/2
			094-081/3
			094-081/4
			094-081/6
	MP-MEA 64		700-20/64
	MP-MEA 128		700-20/128
	MP-MEA 256		700-20/256
	MCS-MEA		700-21
	MCS		700-21/1
SP-240*	SP-240	EC-Lab®	094-090
	/	()	094-081/1
	/	EIS ()	094-081/2
			094-081/3
			094-081/4
			094-081/6
SP-300*	SP-300	EC-Lab®	094-100
	/	()	094-101/1
	/	EIS ()	094-101/2
			094-101/3
			094-101/4
	±48 /±1 A	()	094-101/5
	±30 /2 A	()	- 094-101/10
	-3 , +14 /4 A	()	094-101/7
	[0,+5] /10 A	()	094-101/9
			094-081/6





BiStat 3200	BiStat 3200	UiEChem™/UiECorr™	U-3200
SensorStat	SensorStat	UiEChem™/UiECorr™	U-SENSOR
		()
			U-RM-ISO
			U-RM-1
VSP	VSP	EC-Lab®	092-10
	/	(092-11/1
	/	EIS ()	092-11/2
		()	092-11/3
	4 A	(1,5)	092-11/4
VMP3	VMP3	EC-Lab®	092-20
	/	()	092-21/1
	/	EIS ()	092-21/2
		()	092-21/3
VSP-300*	VSP-300	EC-Lab®	094-200
	/	()	094-101/1
	/	EIS ()	094-101/2
			094-101/3
			094-101/4
	±48 /±1 A	()	094-101/5
	±30 /2 A	()	094-101/10
	-3 , +14 /4 A	()	094-101/7
	[0,+5] /10 A	()	094-101/9
			094-081/6
VMP-300*	VMP-300	EC-Lab®	094-300
	/	()	094-101/1
	/	EIS ()	094-101/2
			094-101/3
			094-101/4
	±48 /±1 A	()	094-101/5
	±30 /2 A	()	094-101/10
	-3 , +14 /4 A	()	094-101/7
	[0,+5] /10 A	()	094-101/9
			094-081/6

HCP-803	HCP-803	EIS	EC-Lab®	092-40/1
HCP-1005	HCP-1005	EIS	EC-Lab®	092-41/1
CLB-2000	CLB-2000	EIS	EC-Lab®	092-72
80A	VMP3B-80			092-40/2
100A	VMP3B-100			092-41/2
SP-150, VSP	LB-2000	LB-2000		092-73
VMP3		, 8 ,		092-30
	2 A	(), 2		092-31/1
	5 A	(), 2		092-31/2
	10 A	(), 4		092-31/3
	20 A	(), 8		092-31/4
FCT-50S/Z	PEM FC	EIS	FC-Lab & EC-Lab®	095-06/A
FCT-150S/Z	PEM FC	EIS	FC-Lab & EC-Lab®	095-02/A

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MPG-2xx	MPG-2	MPG-2 16	/		092-80/2
series*		EC-Lab®			
	MPG-2z	16	/	EIS	092-80/21
		EC-Lab®			
		2.5			092-80/4
		25			092-80/5
MPG-205	MPG-205	8	/	(5 A)	092-81/1
		EC-Lab®			
	MPG-205z	8	/	(5 A) EIS	092-81/11
		EC-Lab®			
		2.5			092-81/3
		25			092-81/4
MPG-210	MPG-210	4	/	{10 A }	092-82/1
		EC-Lab®			
	MPG-210z	4	/	{10 }	EIS 092-82/11
		EC-Lab®			
		2.5			092-82/3
		25			092-82/4
MPG-220	MPG-220	2	/	(20)	092-83/1
		EC-Lab®			
	MPG-220z	2	/	(20) EIS	092-83/11
		EC-Lab®			
		2.5			092-83/3
		25			092-83/4
MPG-240	MPG-240	1	/	(40)	092-84/1
		EC-Lab®			
	MPG-240z	1	/	(40 A) EIS	092-84/11
		EC-Lab®			
		2.5			092-84/3
		25			092-84/4
	(5)	Ethernet	,	,	092-85/1
	(5)	Ethernet	,	,	092-85/2
		(2.5)			092-86/1
BCS*	BCS	BCS-COM	BCS		096-000
		BCS-PDU	BCS (230-400 Vac 3-)		096-001/1
		BCS-PDU	BCS (120-208 Vac " ")		096-001/2
		BCS-815	/ (15 A) EIS		096-010/Z
		BCS-815	0		096-011/Z
		25	BCS-815		096-011/1
		2.5	BCS-815		096-011/2
		5	BCS-815		096-011/3
			BCS-815		096-012
		-	(2.5)		096-013
		-	(5)		096-014
BCSC-8	BCSC-8	8	BCS-815 (230-400 Vac 3)		096-100
cabinet					096-100/1
					096-101
		BCSC-8	8 BCS-815 (BCS-COM, BCS-PDU)		096-101
		BCSC-8	8 BCS-815 (120-208 Vac " ")		096-110
BCSC-4	BCSC-4	4	BCS-815 (230-400 Vac 3)		096-200
cabinet					096-200/1
					096-201
		BCSC-4	4 BCS-815 (BCS-COM, BCS-PDU)		096-201
		BCSC-4	4 BCS-815 (120-208 Vac " ")		096-210



M470	470BASE	(,)	M470	U-470B
	SECM470-3300 & ac-SECM470-3300					U-SECM470-3300
	ic-SECM470-3300					U-ICSECM470
	LEIS470-3300					U-LEIS470-3300
	SKP470					U-SKP470
	SVP470-3300					U-SVP470-3300
	SDS470-3300					U-SDS470-3300
	OSP470					U-OSP470
M370	SECM-SYS**				PG580R,	U-SECM-S
	370BASE and MICROTRICELL)	M370				
	370BASE	(,)	M370	U-370B
	SECM370					U-SECM370
	LEIS370					U-LEIS370-3300
	SKP370					U-SKP370
	SVP370					U-SVP370
	SDS370					U-SDS370
	OSP370					U-OSP370



μTriCell™



Shallow μTricell™



Environmental TriCell™



Bio-Logic SAS
1, rue de l'Europe - 38640 Claix France
Phone: +33 476 98 68 31 Fax: +33 476 98 69 09

" " :
" " , 220089
" " , 54,
4 , .26

./ : +375 17 257 33 15
./ : +375 29 626 19 06

E-mail: info@ilpa-tech.ru
www: ilpa-tech.ru



www.bio-logic.info
[www: ilpa-tech.ru](http://www.ilpa-tech.ru)

