

 EL ALIADO PRECISO	GESTIÓN COMERCIAL OFERTA DE EQUIPOS, REPUESTOS Y SERVICIOS	GC-F-04	
		VERSIÓN	1
		FECHA APROBACIÓN	30/06/2021

FECHA:	Septiembre 8 de 2.026
EMPRESA:	Instituto Tecnológico Metropolitano (ITM)
CONTACTO:	
E-MAIL:	
TELEFONO:	

CIUDAD:	Medellín
N° OFERTA:	20178D
ENTREGA:	60 días
VALIDEZ:	90 días
MONEDA:	Pesos Colombianos
TERMINOS DE NEGOCIACIÓN:	DDP

Respetados Señores:

Cecoltec Services S.A.S., en calidad de representantes de PalmSens BV (www.palmsens.com) y Lightnovo (<https://lightnovo.com>), para el territorio colombiano se complace en presentar la siguiente oferta para su consideración:

ESTACIÓN ELECTROQUÍMICA MULTI-PROPÓSITO

Includes:

MultiPalmSens4

Multi-channel Potentiostat / Galvanostat / Impedance Analyzer

The MultiPalmSens4 is a flexible multi-channel potentiostat, galvanostat and impedance analyzer which you can fully tailor to your requirements and budget. The MultiTrace software allows for using each channel individually or simultaneously or running a sequence of automated tasks on each channel. Each channel provides an additional auxiliary port for controlling peripherals or monitoring temperature or other analog signals.



Configure your ideal multi-channel potentiostat

Each channel can be configured with:

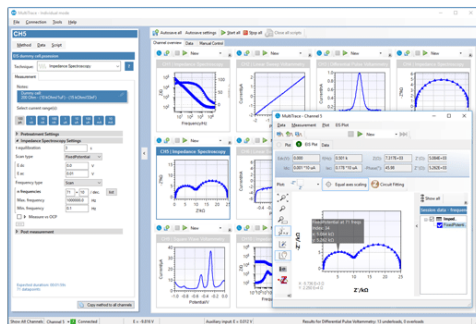
- ✓ ± 5 V or ± 10 V maximum potential range
- ✓ EIS/FRA with maximum frequency of 100 kHz or 1 MHz
- ✓ Bipotentiostat module for second WE
- ✓ iR-Compensation
- ✓ Galvanic isolation

Synchronizing channels in Synched mode

By enabling synchronization of channels and adjusting the setup of your cables, you can use the MultiPalmSens4 as a polypotentiostat. This means you can use multiple working electrodes, one counter and one reference electrode in the same cell at the same time. Your working electrodes all perform the same measurement.

MultiTrace for Windows

The MultiPalmSens4 comes with MultiTrace for Windows. MultiTrace allows the instrument to be controlled in two different modes: Individual and Simultaneous channel control mode.



Individual mode

The individual mode gives an overview of all channels. Each channel can be selected separately and can run a measurement independently in parallel with other channels. You can also run a script for a sequence of measurements and other actions on each channel.

Simultaneous mode

In the Simultaneous Mode the MultiPalmSens4 works with all channels running the same measurement in parallel at the same time. There is only one active method in the Method Editor which is started on all selected channels simultaneously upon start. All results are presented as overlays in the same plot.

Nexus Engineered for Electrochemical Excellence

Building on PalmSens' legacy of providing top-tier solutions for accurate low-current measurements, Nexus delivers an ultra-low-noise performance that exceeds even our existing portable devices, while also supporting measurements up to 1 Ampere.

Versatile

Our high-end instrument, the Nexus, is a Potentiostat, Galvanostat, and optional a Frequency Response Analyser (FRA) for Electrochemical Impedance Spectroscopy (EIS). The Nexus has a large potential range (-12V to +12V) and current range (100 pA to 1 A) with a high resolution and low noise. The research software PStace makes using the Nexus a breeze. The scripting language MethodSCRIPT gives a user full control when needed. Looking for a multi-channel instrument? Just stack multiple instruments on top of each other.



Configurable

Nexus comes in different configurations:

- optional [EIS/FRA](#) module with maximum frequency of 1 MHz
 - optional [BiPotentiostat](#) module for second WE
 - [iR-compensation](#) (ohmic drop compensation) module
 - Second Sense lead cable
-

LabLink

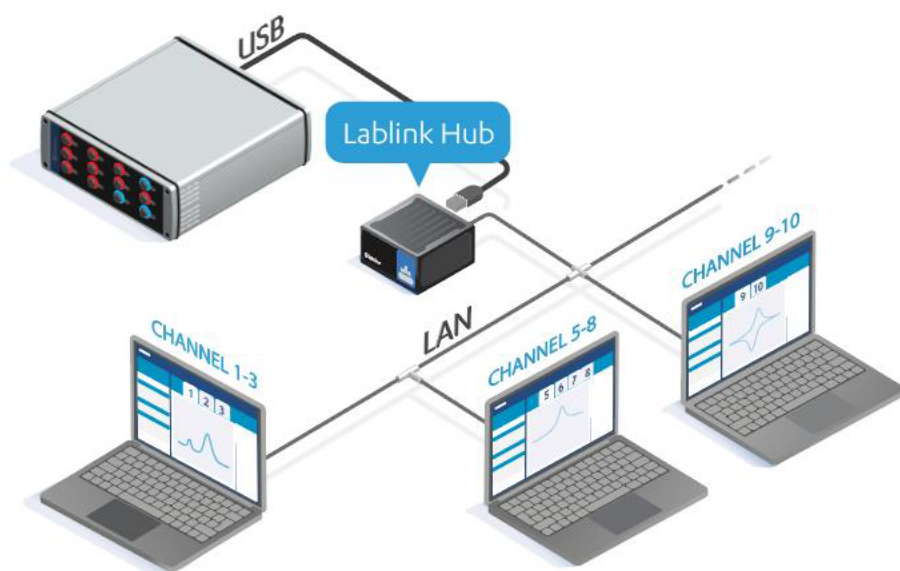


Lablink: Networked Electrochemical Research

The Lablink Hub is a dedicated instrument server to streamline electrochemical research. It acts as the bridge between your hardware and the network, allowing standard PalmSens instruments to interface with the Lablink platform.

The Lablink Hub enables multiple users to access and share instruments with ease. It takes control of measurements for maximum reliability, even during long experiments, while securely storing all data. Lablink brings flexibility, speed, and control to your electrochemical research, helping teams work smarter and achieve more.

The Lablink Hub makes it possible, for example, to split a MultiEmStat4 with 12 channels so that three different users can work simultaneously:





Share instruments with multiple users simultaneously



Centralized & local data storage



Uninterrupted measurements

Specifications:

Main Specifications	
Max channels / instruments	Up to 24 (for example 2x MultiEmStat4 12-channel or 24 single channel instruments)
USB Ports	4 (expandable by means of a USB hub*)
Operating System	Linux
Power	19V / 90W Power Adapter
WLAN	Wi-Fi 6 802.11ax
LAN	10/100/1000 Mbps
Ethernet Connector	RJ-45
Storage	512 GB (internal SSD)
Operating Temp	0 °C ~ 40 °C
Storage Temp	-40 °C – 85° C
Operating Humidity	5% ~ 90%
Storage Humidity	5% ~ 90%
Mounting	VESA-compatible bracket (standard 100x100 mm)
Dimensions	117.5 x 110.0 x 47.85 mm (4.63" x 4.33" x 1.88")
Weight	~1.0 kg
Certifications	CE (Europe), FCC (USA)

* USB hub needs to be purchased separately

Propuesta Económica

Item	Referencia	Cantidad	Descripción	Valor unitario	Valor Total
1	LAB.LINK.MPS4-4.NEX		MultiPalmSens4 (± 10 V and max. freq of 1 MHz) <i>Multipotentiostat with 4 independent PalmSens4 potentiostats.</i>  Includes: • 4 channels 10V, 1Mhz <u>each one</u> • 8 GB on-board storage per channel • Cell cables with croc clips • Dummy Cell • USB cable • Chassis ground cable with croc clip (4 mm) • AC adapter • Soft carrying case • Manual and calibration report • MultiTrace for Windows (USB stick)		
		1	Nexus  Includes: • Nexus <u>potentiostat/galvanostat with 1 MHz impedance analyzer and current ranges: 100 pA to 1 A</u> • 32 GB on-board storage • Cell cable with croc clips • S2 cell cable with croc clip • Dummy Cell • USB-C and Ethernet cable • Hardware Sync Link cable • Chassis ground cable with croc clip (4 mm)		

			• AC adapter • Soft carrying case • Operator's manual and calibration report • PSTrace for Windows (USB stick) • Computer Equipment		
			LABLINK The Lablink Hub works exclusively with PSTrace Xpress for Windows and can be used with the following instruments from PalmSens BV: ▪ MultiPalmSens4 ▪ MultiEmStat4 LR and HR ▪ PalmSens4 ▪ EmStat4S LR and HR ▪ MultiEmStat3 and 3+ ▪ EmStat3 and 3+ ▪ Sensit-series		
Valor Total (sin IVA)					\$155.460.000
IVA (19%)					\$29.537.400
Total (IVA incluido)					\$184.997.400

NOTAS ADICIONALES

Términos de pago	30 días fecha factura
Garantía	1 año posterior a la entrega solo aplica para equipos

DATOS DEL COTIZANTE:

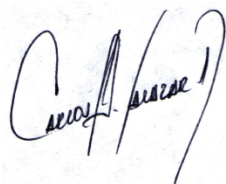
CECOLTEC SAS NIT 830035316-4
19103789292 Cuenta Corriente - Bancolombia

RESPONSABILIDAD

Cecoltec S.A.S, no responde por lucro cesante que le puedan ser imputables con ocasión del incumplimiento de sus obligaciones, y el monto de los perjuicios indemnizables va máximo hasta el valor de este contrato.
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Cualquier duda que se tenga con relación a la presente oferta puede ser resuelta por nosotros en cualquier momento, por favor no duden en contactarnos.

Cordialmente,



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