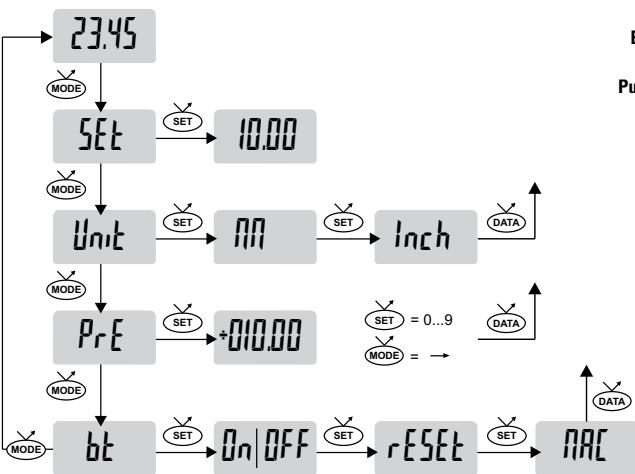
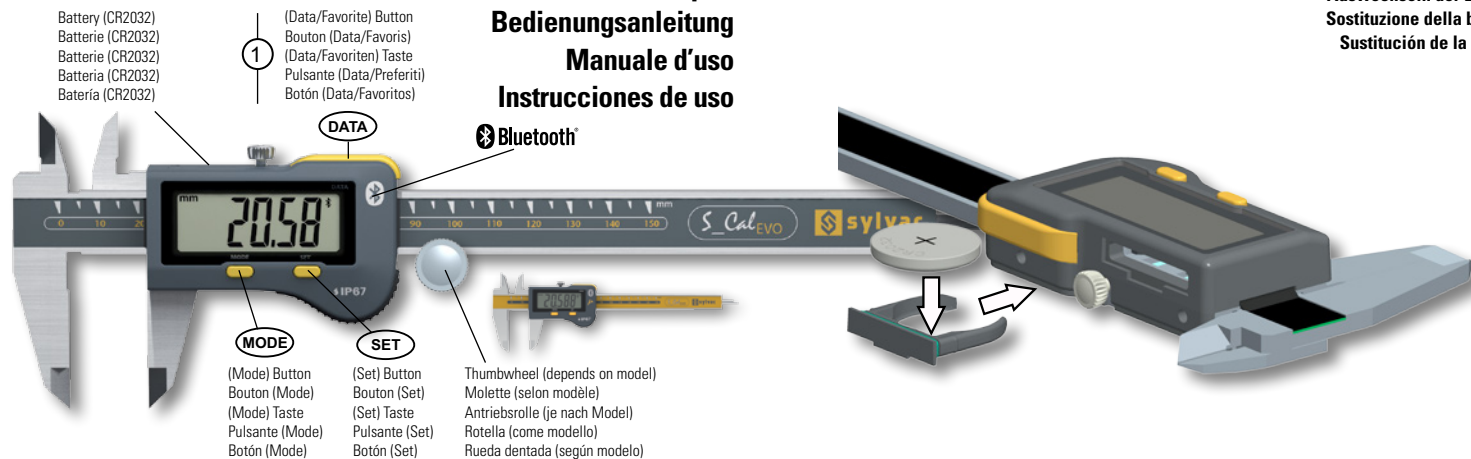


S_Cal EVO Bluetooth® 0.01 + µm

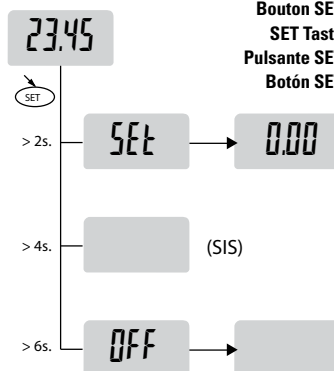
Instructions Mode d'emploi Bedienungsanleitung Manuale d'uso Instrucciones de uso



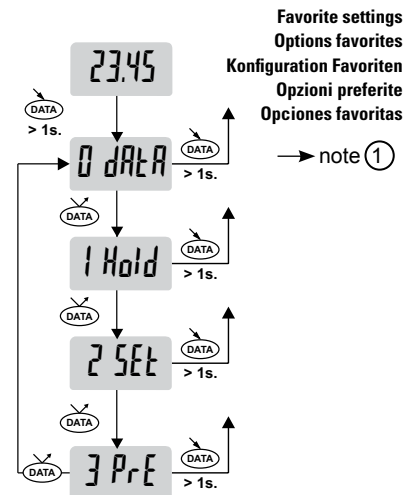
Replacing the battery
Changement de la pile
Auswechseln der Batterie
Sostituzione della batteria
Sustitución de la batería



MODE button
Bouton MODE
MODE Taste
Pulsante MODE
Botón MODE



SET button
Bouton SET
SET Taste
Pulsante SET
Botón SET



Favorite settings
Options favorites
Konfiguration Favoriten
Opzioni preferite
Opciones favoritas

note ①



Activation Favorite settings
Activation Options favorites
Aktivierung Konfiguration Favoriten
Attivazione Opzioni preferite
Activación Opciones favoritas



Deactivation Favorite settings
Désactivation Options favorites
Deaktivierung Konfiguration Favoriten
Disattivazione Opzioni preferite
Desactivación Opciones favoritas

* off disconnected (bt OFF)
* blinking advertising (max 120s.)
* on connected (bt On)
rESEt clear pairing information
MAC display the MAC address

* spento scollegata (bt OFF)
* lampeggiante scoperta (max 120s.)
* acceso collegata (bt On)
rESEt cancellare le informazioni di accoppiamento
MAC visualizza l'indirizzo MAC

Bluetooth® configuration
Bluetooth® configuration
Bluetooth® Konfiguration
Configurazione Bluetooth®
Configuración Bluetooth®

* aus keine Verbindung (bt OFF)	* éteint déconnecté (bt OFF)	* apagado desconectado (bt OFF)
* blinkend bereit zur Verbindung (max 120s.)	* clignote découverte (max 120s.)	* parpadeante detección (max 120s.)
* stehend Verbindung hergestellt (bt On)	* allumé connecté (bt On)	* encendido conectado (bt On)
rESEt Kopplung aufheben	rESEt efface les informations d'appairage	rESEt eliminar su información de emparejamiento
MAC zeigt die MAC Adresse	MAC affiche l'adresse MAC	MAC muestra la dirección MAC

Radio frequency / Fréquence radio / Funkfrequenz / Radiofrecuencia	2,4 Ghz
Robustness / Robustesse / Robustheit / Resistenza / Robustez	FHSS
Latency / Latence / Latenz / Latencia / Latencia	<6ms
Range / Portée / Reichweite / Portata / Alcance	Open space/Espace Ouvert/Im Freien/Spazio aperto/Espacio abierto : <15 m Industrial environment/Environnement industriel/Industrielles Umfeld/Ambiente industriale/Entorno industrial : 1-5 m
Autonomy / Autonomie / Autonomie / Autonomia / Autonomia	Continuous : up to 2 months (Always connected with 4 values /s.) / jusqu'à 2 mois (Toujours connecté avec 4 valeurs /s.) / bis zu 2 Monate (Immer verbunden mit 4 Werte /s.) / fino a 2 mesi (sempre connessi con i 4 valori /s.) / hasta 2 meses (siempre conectados con 4 valores /s.) Saver : up to 5 months (The instrument sends value only when the position has changed) / jusqu'à 5 mois (L'instrument envoie les valeurs quand la position change) / bis zu 5 Monate (Das Gerät sendet die Werte nur wenn die Position geändert hat) / fino a 5 mesi (Lo strumento invia valore solo quando la posizione è cambiata) / hasta 5 meses (El instrumento envía valor sólo cuando la posición ha cambiado) Blind/Push : up to 7 months (Value is sent from the instrument (button) or requested from the computer) / jusqu'à 7 mois (La valeur est envoyée de l'instrument (bouton) ou demandée par ordinateur) / bis zu 7 Monate (Der Wert wird von dem Gerät gesendet (Taste) oder vom Computer angefordert) / fino a 7 mesi (valore viene inviato dal (pulsante strumento) o richiesto dal computer) / hasta 7 meses (Valor se envía desde el (botón de instrumento) se puede solicitar a la computadora)

Technical data
Données techniques
Technische Daten
Specifiche
Especificación



Resolution / Résolution / Auflösung / Risoluzione / Resolución	0.01 / .0005"	0.001 / .00005"
Measuring range / Etendue de mesure / Messbereich / Campo di misura / Campo de medida	150 mm - 6" / 200mm - 8" / 300mm - 12"	150 mm - 6"
Max. error / Erreur max. / Fehlergrenze / Error max / Error màx	100mm: 20µm 100-300mm: 30µm (DIN862)	100mm: 15µm 100-150mm: 20µm (DIN862)
Repetability / Répétabilité / Wiederholbarkeit / Ripetibilita / Repetibilidad	10µm / .0005"	4µm @40mm / .00015" @1.5"
Max slider speed / Vitesse max / Max Verteilgeschwindigkeit / Velocity max / Velocidad màx	Max 2.5m/s. - 100"/s.	
Display refresh rate / Nombre de mesure-s / Anzahl Messungens-s / Numero di misura-s / Número de medidas-s	> 10 / s.	
Data output / Sortie de données / Datenausgang / Uscita dati / Salida de datos	Bluetooth® 4.0 2.4GHz	
Mean power consumpt. / Consommation moyenne / Verbrauch / Consumo / Consumo	45 µA	
Battery life / Vie de la batterie / Batterie-Lebensdauer / Autonomia / Autonomia	Bluetooth® OFF : 8000h Bluetooth® ON : See Bluetooth® technical data	
Working temperature (storage) / Température de travail (stockage) / Arbeitstemperatur(Lagerung) / Temperatura operativa (stoccaggio) / Temperatura de trabajo (almacenamiento)	+5° to +40°C (-10° to +60°C)	
Weight / Poids / Gewicht / Peso / Peso	175g / 205g / 275g	175g
Measuring system / Système de mesure / Messsystem / Sistema di misura / Sistema de medida	Sylvac system patented	
IP specification / Spécification IP / IP spezifikation / Specifica IP / Especificación IP	IP 67 (IEC60529)	

Advanced functions and additional information: refer to website www.sylvac.ch

Certifications
Certifications
Zertifikat
Certificato
Certificado

CERTIFICATE OF CONFORMITY
We certify that this instrument has been manufactured in accordance with our Quality Standard and tested with reference to masters of certified traceability by the National Office of Metrology.

CERTIFICAT DE CONFORMITE
Nous certifions que cet instrument a été fabriqué et contrôlé selon nos normes de qualité et en référence avec des étalons dont la traçabilité est reconnue par l'office national de métrologie.

QUALITÄTSZEUGNIS
Wir bestätigen, dass dieses Gerät gemäß unseren internen Qualitätsnormen hergestellt wurde und mittels Normalen mit anerkannter Rückverfolgbarkeit, kalibriert durch das Nationalamt für Metrologie, geprüft worden ist.

CERTIFICATO DI CONFORMITÀ
Con il presente si certifica che questo strumento è stato prodotto secondo il nostro standard sulla qualità e controllato rispetto a campioni di riferibilità riconosciuti dall'ufficio nazionale di metrologia

CERTIFICADO DE CONFORMIDAD
Certificamos que este instrumento ha sido fabricado conforme a nuestras normas de calidad y ha sido controlado en relación con patrones de trazabilidad reconocida por la oficina nacional de metrología.

DESCRIPTION OF BLUETOOTH® MODULE:

This module is based on Nordic Semiconductor nRF8001 µBlue Bluetooth Low Energy Platform. The nRF8001 is a single chip transceiver with an embedded baseband protocol engine, suitable for ultra-low power wireless applications conforming to the Bluetooth Low Energy Specification contained within v4.0 of the overall Bluetooth specification. The nRF8001, used in the current revision of ISPO91201, is a production product using a RoM for the baseband protocol engine.

Bluetooth® Certification

US/CANADA CERTIFICATION

Sylvac

m.n : S_Cal EVO Bluetooth®

This device contains
FCC ID: 2AAQS-ISP091201
IC: 11306A-ISP091201

JAPAN CERTIFICATION



R 001-A06167

MEXICO CERTIFICATION

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Contiene modulo inalámbrico
Marca: Sylvac
Modelo: ISPO91201D
IFT: RCPSYIS14-0655

Specifications
Spécifications
Spezifikationen
Specificazioni
Especificaciones

Maintenance
Maintenance
Unterhalt
Avviso
Mantenimiento

Dry carefully all metallic parts of the instrument after water jets or moisture effects to guaranty a good mechanical working and to avoid rost.
Don't use aggressive products (alcohol, trichlorethyl or others) to clean plastic parts.
Don't keep the instrument in the sun, heat or humidity.

En cas de projections de liquides, essuyer les parties métalliques de l'instrument afin de garantir un bon fonctionnement mécanique, et éviter les problèmes de corrosion.
Ne pas utiliser de produits agressifs (alcool, trichloréthylène, etc) pour le nettoyage des parties plastiques.
Ne pas entreposer l'instrument dans un endroit exposé au soleil, à la chaleur ou à l'humidité

Nach Kontakt mit Flüssigkeit die mechanischen Teile gut trocknen um ein einwandfreies Funktionieren zu garantieren und Rostprobleme zu vermeiden.
Keine aggressiven Produkte (Alkohol, Trichlorethylen oder andere) für die Reinigung der Kunststoffteile benutzen.
Die Instrumente nicht an einem der Sonne, Hitze oder Feuchtigkeit ausgesetzten Ort aufbewahren.

In caso di proiezione di liquidi, asciugare le parti metalliche dello strumento in maniera di garantire un buon funzionamento meccanico, ed per evitare i problemi di corrosione.
Non utilizzare prodotti aggressivi per la pulizia della parti in plastico.
Non esporre lo strumento al sole, vicino a fonti di calore o all'umidità.

Seque cuidadosamente todas las partes metálicas del instrumento para evitar cualquier humedad y así garantizar un buen funcionamiento mecánico y evitar óxido.
No use productos agresivos (alcohol,tricloretilo u otros) para limpiar las partes de plástico.
No guarde el instrumento en el sol, calor o humedad.

BRAZIL CERTIFICATION

Este equipamento opera em caráter secundário, isto é, não tem direito à proteção contra interferência prejudicial, mesmo de estações do mesmo tipo e não pode causar interferência a sistemas operando em caráter primário.



MODELO: ISPO91201D
0516-14-4534



(0 1) 0 7 8 9 8 9 9 4 3 8 6 5 1 3

SOUTH KOREA CERTIFICATION

MSIP-CRM-iNs-ISP091201

Class A Equipment (Industrial Use)

이 기기는 업무용(A급) 전자파적합기기로서 판매자 또는 사용자는 이 점을 주의하시기 바라며, 가정 외의 지역에서 사용하는 것을 목적으로 합니다.

NOTICE:
Changes or modifications made to this equipment not expressly approved by Sylvac may void the FCC authorization to operate this equipment.

NOTICE:
This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions.
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE:
This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

RADIOFREQUENCY RADIATION EXPOSURE INFORMATION:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. and any use of such marks by Sylvac is under license. Other trademarks and trade names are those of their respective owners.