



CERTIFICADO DE CALIBRACIÓN / CALIBRATION CERTIFICATE

INNOVATECIS CIA LTDA

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Certificado No. (Certificate #): 53409

Fecha de Recepción (Reception Date): 2025-01-21

Fecha de Calibración (Calibration Date): 2025-01-23

Próxima Fecha de Calibración (Calibration Due): 2026-01

Fecha de Emisión (Emission Date): 2025-01-23

Cliente (Client): AGLOMERADOS COTOPAXI S.A.
Av. General Eloy Alfaro 34-194 E12 y Catalina Aldaz

Información del Instrumento (Instrument Information)

Equipo (Instrument):	Wet Film Comb	Int. de Medición: (Measurement Range)	(1 a 118) mil/thou	Ubicación (Location):	*****
Marca (Brand):	Elcometer			Lugar de Calibración (Place of Calibration):	Lab. Innovatec / Innovatec's Lab.
Modelo (Model):	112	Serie:	INN-53409		

Datos de Calibración (Calibration Info)

Procedimiento (Procedure): INN-PC-34

Condiciones Ambientales (Environmental Conditions)

Temperatura (Temp): (20.79 °C a 20.83 °C) Humedad (Humidity): (67.5 %HR a 67.9 %HR)

Trazabilidad (Traceability Info)

Patrón (Standard)	Marca (Brand)	Cert. #	Ultima Calibración (Last Cal.)	Período (Period)
Micrómetro	Pantec	38837	2023-11-26	2 años
Pie de Rey	Starret	38838	2023-11-26	2 años

Resultados (Results)

Ver resultados en Hoja adjuntada

See results on attached sheet

El presente Certificado de Calibración posee la trazabilidad en esta magnitud hacia el Patrón Nacional, a través de la realización de la unidad de medida en el NPL, NIST, u otro Laboratorio Nacional reconocido al Sistema Internacional de Medidas. La calibración fue realizada bajo un Sistema de Gestión de Laboratorio conforme a la Norma ISO/IEC 17025:2017. Los resultados y su incertidumbre reportada con un nivel de confianza de K=2, 95% son relacionados a este instrumento y en el tiempo que se realizó las medidas. Este Laboratorio no se responsabiliza de los perjuicios que pueda ocasionar el uso inadecuado del instrumento calibrado. La reproducción parcial es prohibida, la reproducción total deberá hacerse con la autorización escrita aprobada por INNOVATEC Industrial Solutions. *This Certificate of Calibration provides traceability of measurement to the National Standard, through units of measurement realized at the NPL, NIST or other recognized National Standard Laboratories to the International System of Units. The calibration was performed under a Laboratory Management System in accordance with the ISO/IEC 17025:2017 Standard. The results and the reported uncertainty at a confidence level of K=2, 95% are related only to this instrument and at the time of measurement. This Laboratory is not responsible for any damages that may result from improper use of the calibrated instrument. Partial reproduction is forbidden, the total reproduction must have an approved written authorization by INNOVATEC Industrial Solutions.*

Comentarios: Ninguno.

Calibrado por:
Calibrated by: Jonathan Fonseca

Aprobado por:
Approved by:



Fin de Certificado (End of Certificate)

Identificación (Identification)		Patrón (Standard)	UBP (UUT)	Error (Error)	Incertidumbre (Uncertainty)
Galga	0.001 in	0.001 in	0.001 in	0 in	± 0.00058 in
Galga	0.002 in	0.001 in	0.002 in	0.001 in	± 0.00058 in
Galga	0.003 in	0.003 in	0.003 in	0 in	± 0.00058 in
Galga	0.004 in	0.004 in	0.004 in	0 in	± 0.00058 in
Galga	0.005 in	0.005 in	0.005 in	0 in	± 0.00058 in
Galga	0.006 in	0.005 in	0.006 in	0.001 in	± 0.00058 in
Galga	0.007 in	0.007 in	0.007 in	0 in	± 0.00058 in
Galga	0.008 in	0.008 in	0.008 in	0 in	± 0.00058 in
Galga	0.009 in	0.009 in	0.009 in	0 in	± 0.00058 in
Galga	0.01 in	0.009 in	0.01 in	0.001 in	± 0.00058 in
Galga	0.011 in	0.011 in	0.011 in	0 in	± 0.00058 in
Galga	0.012 in	0.012 in	0.012 in	0 in	± 0.00058 in
Galga	0.014 in	0.014 in	0.014 in	0 in	± 0.00058 in
Galga	0.016 in	0.016 in	0.016 in	0 in	± 0.00058 in
Galga	0.018 in	0.019 in	0.018 in	-0.001 in	± 0.00058 in
Galga	0.02 in	0.02 in	0.02 in	0 in	± 0.00058 in
Galga	0.022 in	0.022 in	0.022 in	0 in	± 0.00058 in
Galga	0.024 in	0.023 in	0.024 in	0.001 in	± 0.00058 in
Galga	0.026 in	0.025 in	0.026 in	0.001 in	± 0.00058 in
Galga	0.028 in	0.028 in	0.028 in	0 in	± 0.00058 in
Galga	0.03 in	0.03 in	0.03 in	0 in	± 0.00058 in
Galga	0.031 in	0.031 in	0.031 in	0 in	± 0.00058 in
Galga	0.033 in	0.032 in	0.033 in	0.001 in	± 0.00058 in
Galga	0.035 in	0.035 in	0.035 in	0 in	± 0.00058 in
Galga	0.039 in	0.039 in	0.039 in	0 in	± 0.00058 in
Galga	0.043 in	0.042 in	0.043 in	0.001 in	± 0.00058 in
Galga	0.047 in	0.048 in	0.047 in	-0.001 in	± 0.00058 in
Galga	0.055 in	0.055 in	0.055 in	0 in	± 0.00058 in
Galga	0.063 in	0.063 in	0.063 in	0 in	± 0.00058 in
Galga	0.071 in	0.07 in	0.071 in	0.001 in	± 0.00058 in
Galga	0.079 in	0.079 in	0.079 in	0 in	± 0.00058 in
Galga	0.087 in	0.086 in	0.087 in	0.001 in	± 0.00058 in
Galga	0.094 in	0.094 in	0.094 in	0 in	± 0.00058 in
Galga	0.102 in	0.102 in	0.102 in	0 in	± 0.00058 in
Galga	0.11 in	0.11 in	0.11 in	0 in	± 0.00058 in
Galga	0.118 in	0.119 in	0.118 in	-0.001 in	± 0.00058 in