



CERTIFICATE OF CALIBRATION

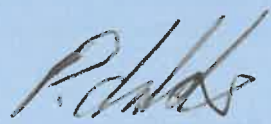
This Certificate certifies that the items listed below have been tested, manufactured, calibrated and/or inspected in accordance with TREND Networks Ltd. procedures. These procedures are ISO 9001:2015 controlled and are designed to assure that the instrument will meet its published specification.

Inspections and/or tests and Calibration have been performed, as applicable at or on behalf of

TREND Networks Ltd.

Stokenchurch House, Oxford Road
Stokenchurch, High Wycombe
Buckinghamshire. HP14 3SX. UK

Calibration compliance is achieved by comparison to a calibrated standard, using an Automated Test Equipment (ATE) Station, in accordance with TREND LanTEK® System Factory Calibration Procedure 160626/160609 on file at the above address. Procedure 160637 details the method of calibration showing traceability of calibration of the ATE with a Network Analyser with calibration certificates documenting traceability to the National Physical Laboratory (NPL) and or National Institute of Standards and Technology (NIST).

Reference No:	27934
Customer Name:	VEMCO
Model No:	LanTEK II-500
Display Handset Serial Number	1022170
Remote Handset Serial Number	1022209
Firmware Version	2.052
Equipment used for Calibration:	LanTEK ATE Calibration station (Serial No: 22)
Date of Calibration:	14 November 2023
Recommended Next Calibration:	14 December 2024
Environmental Conditions	Temperature: 23°C ± 2°C
No of Pages	2
Calibrated by:	Paul Childs - TREND GmbH
Signature:	<div>TREND Networks GmbH Gutenbergstraße 10 D-85737 Ismaning Tel: +49-(0)89-99686-0 Fax: +49-(0)89-99686-111</div> 
Date:	14 November 2023

CALIBRATION PROCEDURE:

The LanTEK tester consists of a Display and a Remote Handset, which is used to categorize data network links. The calibration of both units is carried out via an Automated Test Equipment (ATE), which uses internal calibration artefacts in a software controlled sequence to first calibrate the LF parameters (DC resistance, capacitance and length), followed by the calibration of the RF parameters (Return Loss, NEXT, FEXT and Insertion Loss). Both LF and RF measurements are carried out.

FACTORY CALIBRATION VALIDITY PERIOD:

TREND Networks Ltd. recommends a factory calibration every 12 months for LanTEK II & III series cable certifier. A new unit may be shipped with a period of up to 15 months of valid calibration. Units returned for annual calibration will be shipped with a 12 month calibration period.

Summary:

The unit is operational, all established measurement values are within the manufacture given tolerance

This calibration certificate may not be reproduced other than in full except with the permission of the issuing company, calibration certificates without signature are not valid.