

Reliable Checks and Exact Management

Produced by CONTEC's Komaki IoT Factory

Antistatic Electricity Check System

Swiftly resolve your long-standing problems with static electricity countermeasures!!

New product: A turnkey solution that can be installed easily and used immediately at worksites



Detect operators having insufficient static electricity countermeasures

Operators having insufficient static electricity countermeasures can be detected by checking the performance of antistatic shoes and wrist straps.

Save and manage inspection results and use them as evidence

Results (date and time and measured values) can be saved as CSV files for each test subject and can be used as evidence.

CONPROSYS™ Alpha – Antistatic Electricity Check System

Main Functions

■ Unified management from a Windows PC

The basic software for managing measurement results is included as standard. This enables unified management of multiple check systems from a Windows PC.

■ Measuring/saving/sending results to a host PC

Measurement results can be saved as CSV files on an SD card or sent to a Windows PC.

■ Operator authentication

Operators can be authenticated with IC cards or through the entry of specified numbers. Authentication data can be saved on an SD card or on a Windows PC.

■ Audio guidance and display for measurement results

Audio guidance and display for the measurement results and history are available.



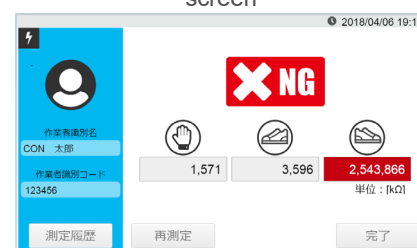
Card reading screen



Worker identification confirmation screen



Measurement (start) screen



Measurement result (failure) screen

Specifications

Items	Specifications
Judgment level (changed with the function setting switch)	Shoe upper limit: 10 MΩ/100 MΩ/1000 MΩ Shoe lower limit: 0.1 MΩ/1 MΩ Wrist strap upper limit: 10 MΩ Wrist strap lower limit: 0.75 MΩ
Judgment level accuracy	Less than 100 MΩ: ±10% 100 MΩ or more: ±20%
Measurement voltage	Shoes : DC10/100V Auto switch (If more than 1MΩ by DC10V, switch to DC100V) Wrist strap : DC10V
Max. measured current (short circuit)	240 μA or less
Measurement mode (changed with the function setting switch)	All mode (wrist strap → left shoe → right shoe), shoe mode (left shoe → right shoe), wrist strap mode (wrist strap only)
Measurement time	Approx. 3sec
Supported IC cards	MIFARE (Classic 1K/4K) , MIFARE UltraLight , ISO/IEC14443 TypeB , FeliCa , Mobile FeliCa , I-CODE SLI , Tag-it HF-I , my-d
IC card communication distance	Within 30mm
Number of unique IC cards for authentication	Up to 1,000
Saved measurement data amount	12 months' worth in 1-month units (The file from the same month in the previous year is deleted automatically at the start of each month.)
Number of possible connections to host PCs	Up to 10 units per host PC
Rated input voltage	AC100V 50/60Hz
Power consumption	Approx.40W Max.
Dimensions [mm]	300(W)×400(H)×120(D) (No protrusions) Shoes side electrode section (Each of the left and right) : 350(D)×160(W)×35(H)
Weight	Approx. 9kg
Operating temperature・Humidity	Temperature : 0~40°C, Humidity : 20~80% (No condensation)

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