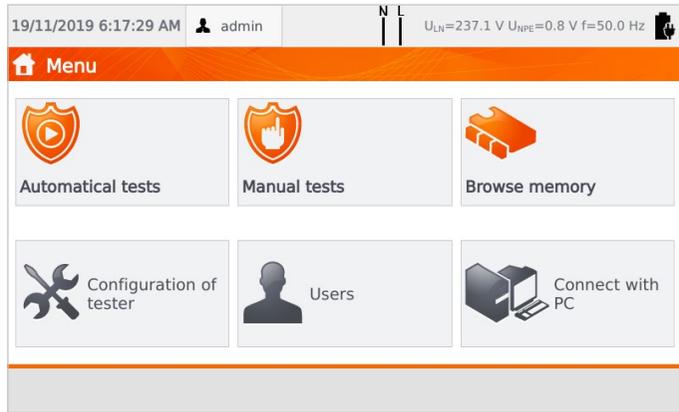
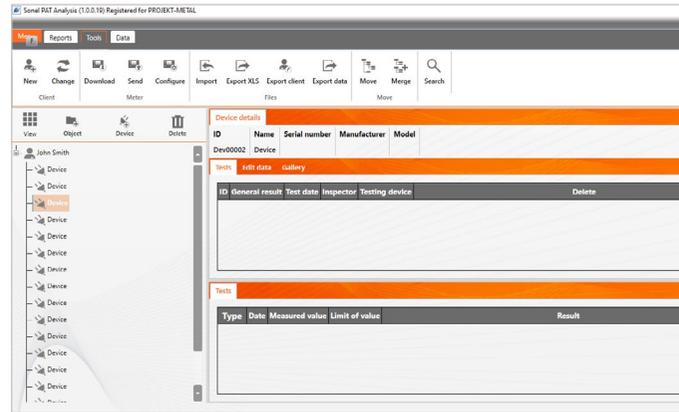


1 Configure the meter



2 Configure the program

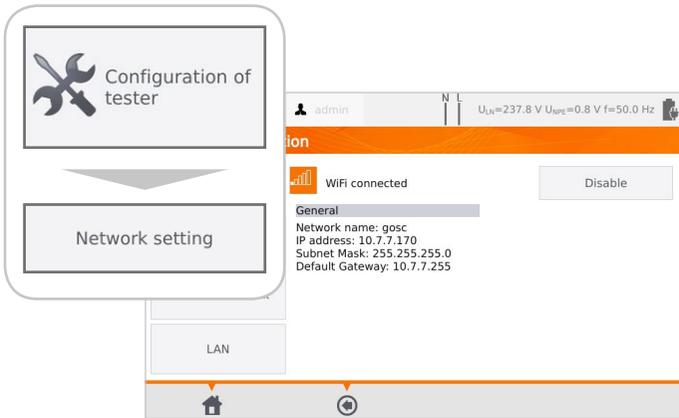


3 Take the measurements

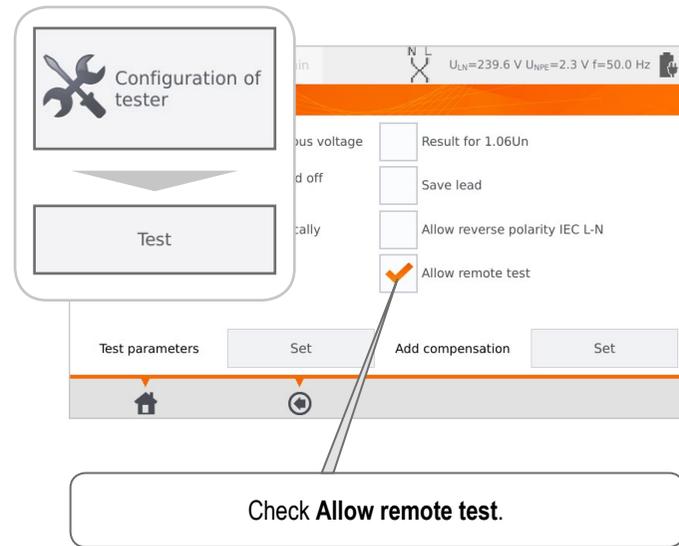


Meter configuration

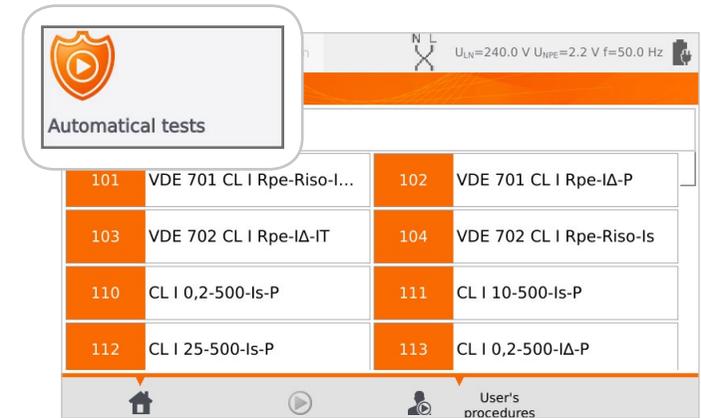
1 Connect the meter to Wi-Fi



2 Change measurements settings



3 Go to automatical tests menu



PAT Analysis software configuration

1 Go to automatical tests



Run **Sonel PAT Analysis** software.

Select client and appliance.

Go to tab **Edit data**.

Sonel PAT Analysis (1.0.0.19) Registered for PROJEKT-METAL

Menu Reports Tools Data

New Change Download Send Configure Import Export XLS Export client Export data Move Merge Search

Client Meter Files Move

View Object Device Delete

John Smith

- Device

Device details

| ID | Name | Serial number | Manufacturer | Model |
|----------|--------|---------------|--------------|-------|
| Dev00002 | Device | | | |

Tests Edit data Gallery

| ID | General result | Test date | Inspector | Testing device | Delete |
|----|----------------|-----------|-----------|----------------|--------|
|----|----------------|-----------|-----------|----------------|--------|

Tests

| Type | Date | Measured value | Limit of value | Result |
|------|------|----------------|----------------|--------|
|------|------|----------------|----------------|--------|

Click the icon **Remote test**.

View Object Device Delete

John Smith

- Device

Device details

| ID | Name | Serial number | Manufacturer | Model |
|-------------|--------|---------------|--------------|-------|
| DE/SO/12125 | Device | | | |

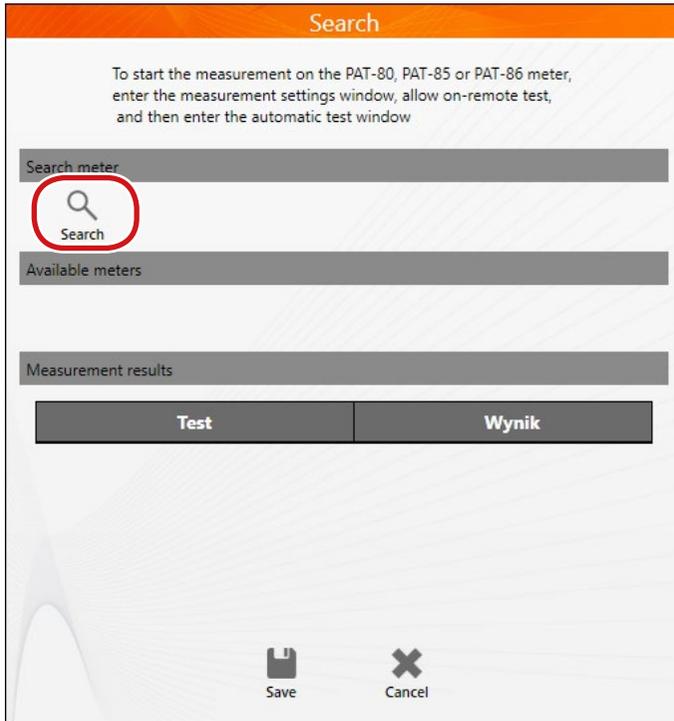
Tests Edit data Gallery

Save Remote test

| Attributes | Values |
|---------------|--------|
| Autoprocedure | 101 |
| Cycle | |
| Model | |

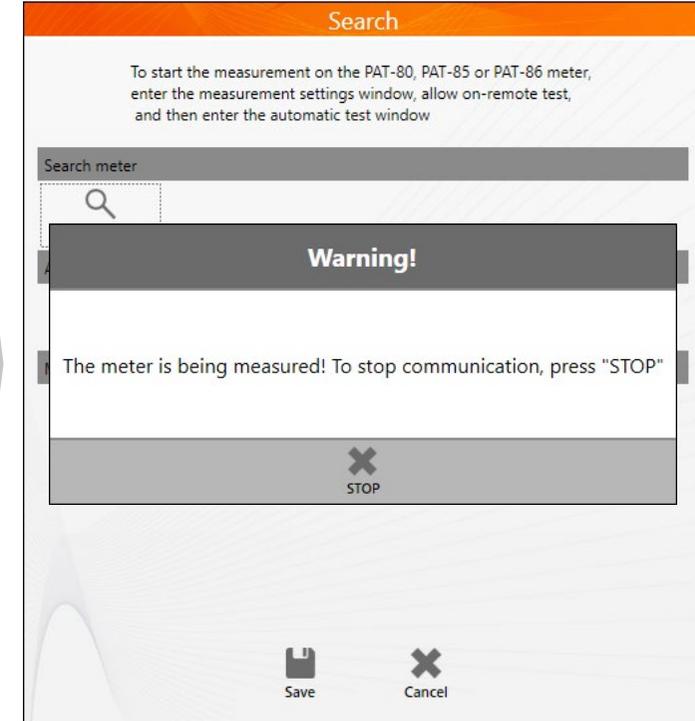
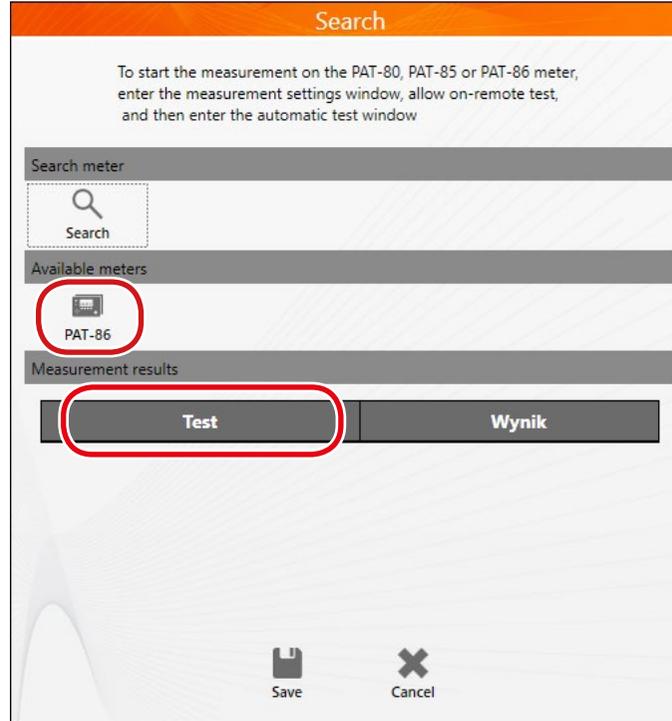
PAT Analysis software configuration

2 Search for the meter according to instructions



3

Run the measurement



1 Take the measurements according to the selected autotest

25/08/2020 1:08:37 PM admin U_{LN}=243.4 V U_{NPE}=2.2 V f=50.0 Hz

101 (1/5) Visual check

Additional requirements:

25/08/2020 1:08:53 PM admin U_{LN}=243.3 V U_{NPE}=2.2 V f=50.0 Hz

101(2/5) R_{PE} - PE continuity

TEST IN PROGRESS

R_{PE} = 0.03

25/08/2020 1:09:08 PM admin U_{LN}=243.1 V U_{NPE}=2.2 V f=50.0 Hz

101(3/5) R_{ISO} - Insulation resistance

TEST IN PROGRESS

R_{ISO} > 599.9 MΩ

25/08/2020 13:09:09

| Test current I | Test method |
|----------------|--------------|
| 200 mA | Probe-socket |

| Test voltage U _{ISO} | Test duration t | Limit | Test method |
|-------------------------------|-----------------|-------|--------------|
| 500 V | 5 s | 1 MΩ | Probe-socket |

25/08/2020 1:09:20 PM admin U_{LN}=243.0 V U_{NPE}=2.2 V f=50.0 Hz

101(4/5) I_{SUB} - Substitute leakage

TEST IN PROGRESS

I_{SUB} = 0.00 mA

25/08/2020 13:09:20

101(5/5) Power test

TEST IN PROGRESS

PF = 1.00

P = 47 W S = 47 VA U = 243.3 V

I = 0.19 A THD I = 2.7 % THD U = 2.5 %

cos φ = 1.00

25/08/2020 1:10:10 PM admin U_{LN}=243.4 V U_{NPE}=2.2 V f=50.0 Hz

101(5/5) Power test

READY!

PF = 1.00 Q = 8 var

25/08/2020 13:10:02

| Test duration t | Use clamp |
|-----------------|-----------|
| 5 s | No |
| 10 s | No |

2 Save the results

25/08/2020 1:10:13 PM admin U_{LN}=243.4 V U_{NPE}=2.2 V f=50.0 Hz

Save as...

Positive test result

Visual check

R_{PE}

R_{ISO}

I_{SUB}

Power test

Appliance location:

Client: 333

Object: ---

Remark

The measurement result will be saved into the software's database.

Search

To start the measurement on the PAT-80, PAT-85 or PAT-86 meter, enter the measurement settings window, allow on-remote test, and then enter the automatic test window

Search meter

Search

Available meters

Measurement results

| Test | Wynik |
|-------------|----------|
| Visual test | Positive |
| RPE | Positive |
| RISO | Positive |
| ISUB | Positive |
| Power | Positive |

Save

Cancel