

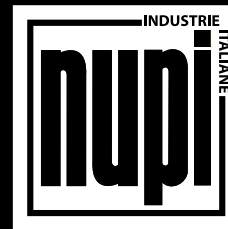
## REQUIREMENTS

The system can be used when the two pipes and/or fittings to be welded present as a minimum requirement a label with information code (such as a one-dimensional or two-dimensional barcode) containing identification data and welding data: production batch, date of installation or welding data such as voltage, time, any correction factor of time depending on the ambient temperature, etc.

## APPLICATIONS

NupiWeldingApp was developed to allow users to manage various operations:

- data entry regarding operator (fingerprint identification), construction site and miscellaneous information that allow to identify the job site;
- barcode or QR code entry of the fittings to be welded by means of the mobile device camera;
- geolocation data storage of the single weld by using the GPS location of the mobile device;
- welding: the mobile device sends the command sequences to the machine via a stream socket when the device is connected to a WiFi network;
- pressure test: the mobile device sends the command sequences to the machine via a stream socket when the device is connected to a WiFi network;
- welding and pressure test data download from the machine to the mobile device;
- welding and pressure test data download to NupiWeldingApp by Internet connection of the mobile device;
- download of user and maintenance manuals of the welding machines in all available languages.



[nupiweldingcloud.com](http://nupiweldingcloud.com)



The APP designed to satisfy the needs of the most demanding **installers** to solve **welding traceability issues**.

NupiWeldingApp allows users to eliminate paper and manual management of information related to the installation of pipes and fittings.

## NupiWeldingApp



# NupiWeldingApp

will make your work  
**easier and faster**

**Try it and see!**

## BENEFITS

The new SMARTWELD welding machine associated to its NupiWeldingApp allows a total management of all information regarding construction site, welds, traceability of the products installed, installation mapping by GPS tracking and all subsequent testing activities.

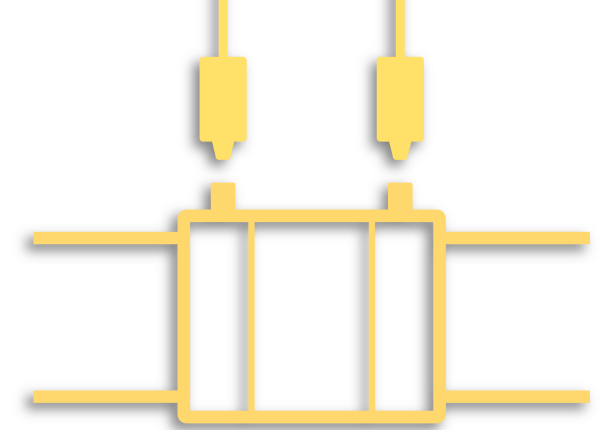
The new SMARTWELD welding machine allows to carry out welds without errors and manage them by using the latest technologies such as:

- **WiFi** and **Internet** communication for welding control and data management;
- **smart device** including the specific application;
- **cloud storage area** that stores all the data that can then be managed from anywhere and anyone authorized by a password;
- **geolocation** through the use of the **GPS** device included in the mobile device;
- **fingerprint detection** for the recognition of the identity of the operator (by means of the personal device).



## TECHNICAL FEATURES OF THE SMARTWELD WELDING UNIT ASSOCIATED WITH NupiWeldingApp

- Conforms with CE requirements. Conforms with UNI 10566 - MULTIFUNCTION type
- Illuminated display with 4 lines, 20 characters each
- Memory for 10.000 welding cycles
- 8 Memories with 500 parameters each for pressure tests
- Fitting working range up to 40 Amp. maximum peak
- Ambient temperature sensor
- Power supply: 230V/115V and 50Hz/60Hz
- Maximum power: 1500 VA
- Minimum power supply: 3 Kw
- Output voltage: from 5 to 42 V
- Power cable: L= 3,8 m; Welding cable: L= 3 m
- Connectors -  $\varnothing$ 4 mm (art. 00S8305) with adapters for  $\varnothing$ 4,7 mm (00S8203)
- Dimensions: 310x350xH170 mm"; Weight: 13 kg
- Degree of protection: IP 54
- Working temperature: from -18°C to +55°C
- Working range: from  $\varnothing$ 20 mm to  $\varnothing$ 400 mm from  $\varnothing$ 20 mm to  $\varnothing$ 160 mm - Light version



## BASIC EQUIPMENT SUPPLIED WITH THE WELDING UNIT

- User's handbook on hardware support and quick guide on paper
- USB key (4 GB) for data download (welding report and pressure test)
- Integrated shipping box
- Adapters with  $\varnothing$ 4,7 mm pins

## ADDITIONAL EQUIPMENT AND SPARES

- 00SENS: Pressure test unit
- 00BCSCAN: Barcode scanner

