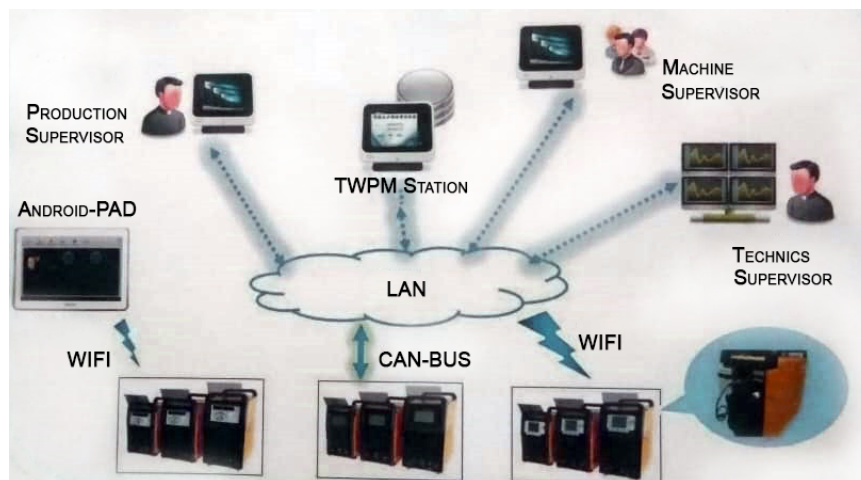


## TWPM Welding Process Management System

### Features

Industrial equipment digital and information network is no longer a new topic. Network age has come in the industry. The digital, network and intelligent **MEMCO** welding machine is no longer a mere production machine, but part of digital welding site, to provide a new management tool for welding production manager, manager of Welding processes, welding equipment managers via acquisition, statistics and analysis of data during welding.

The **MEMCO** TWPM 3.0 (**MEMCO** Welding process Management) is based on **MEMCO** welding machines, which combines information technology and production management technology, to provide an effective means for production management, quality management, cost management, equipment management for production manager, providing an effective solution for digital management of welding site.



### Advantages

- **Flexible networking:**

Adhering to the principle of “Customer First”, offer various centralized control solutions for welding equipments for various welding sites and customer needs, including those based on RS485 which can control 64 devices centrally with communication distance up to 100m; those based on industrial bus CAN-BUS, which can control control 100 devices with communication distance up to 500m; whose based on WIFI, which can control 100 devices with communication distance upto 100m, and can be extended through a network relay; Android-based point-to-point control scheme and other special networking.

- **Powerful data processing capabilities:**

Single centralized control station for real-time data processing and historical data processing for 100 welding equipments, featuring automatic disconnection reconnection and loss transmission to ensure the accuracy and completeness of production data, providing powerful data base for analysis of historical data.

- **Production management automation and networking:**

Convenient shift scheduling, automated welding production management, paperless management of production scheduling; powerful database management, data reporting queries within a local network, providing welding equipment work hours sheet and welder work statements.

- **Professional quality management:**

Process parameters management for 5 kinds of welding equipments and 9 kinds of operating mode, an expert database established to meet the requirements of versatility and reusability of process parameters, eliminating complex and duplicated work of welding process manager.

- **Rich friendly interface:**

Optional English Chinese display of various area, pleasant and friendly graphical software interface, intuitive and dynamic UI, improving friendliness. Including clear status of all devices in the site, graphical editing of process parameters, while viewing the work curves of eight devices.