

9.20 CEG1 electro-fusion welding unit for MEZ sliding (closed) shrinkable joints



CEG1 welding unit is compatible with EG40 heating elements. It secures work in automatic mode. The operator's activity is limited to the correct installation of the joint and selection the diameter of the heating element being installed in the device menu. The welding unit automatically selects parameters, makes the necessary corrections and carries out and supervises the entire process. The welding parameters data are saved in the internal memory of the unit, from which can be sent in the form of protocols (via USB adapter) to a Windows PC.

This unit is designed for single welds in the range of 225-710 mm and double welds (two at the same time) in the range of 125-355 mm.

*The welding unit is also available in an extended version of CEG1a (3K3P-1) with an extended range of single welds in the range of 250-1200 mm and double welds in the range of 125-560 mm.

9.21 CEG2 (2k8P-I) electro-fusion welding, universal unit to MEZ sliding and MEP open (plate type) joints



CEG2 universal welding unit enables welding of both open MEP joints and heat-shrinkable MEZ (compatible with EG40 heating elements). It enables full automation of the welding process and ensures control of welding parameters. Graphic LCD 5 inch display allows convenient monitoring of the operating parameters of the unit and supervision over the current temperature in the junction. Automatic control systems minimize the risk of damage to the joint during installation. The additional pre-heating phase allows the temperature to be equalized around the entire perimeter of the joint before the welding process starts and allows to improve the assembly of the joint in the event of improper adhesion to the jacket of the pre-insulated pipe before the main welding cycle. Automatic selection of one of the 12 algorithms of the unit allows for process optimization in fluent environmental conditions. The CEG2 unit guarantees the reliability and the highest security of protocols from the welding operations.

In case of MEZ joints the device is designed to perform single welds in the diameter range of 160-1200 mm and double welds in the range of 110-630 mm. For MEP joints, the device is designed for welding them in the diameter range of 110-1200 mm.

*CEG2 welding unit is also available in a simplified version CEG2a (2K8P) and is then dedicated only for welding MEP panel joints in the diameter range of 110-1200 mm.