



WDD automatically detects welding wire specifications and chemical composition due to linear diameter, wire resistivity and magnetic permeability sensors.

These three parameters are loaded to a data base that univocally defines all wire specifications which are transferred to weld machine memory using a serial or parallel line.

With WDD the selection of the synergic program is automatic, user only needs to choose the adequate shield gas indicated by machine. This eliminates errors in program selection, user always loads the correct welding program according with weld wire on feeder.

WDD is normally fitted between coils and feed motors on MIG/MAG or TIG welding wire feeders.

**PATENT
PENDING**

