



Technological Centre Technosvar.

Welding machine UDV 35.01 for vacuum diffusion welding.

Major advantages of the machine:

- Nonfusion welding ensures zero cast structure with low mechanical properties;
- The machine provides for welding of nonfusible materials:

- ✓ non-metallic materials with metallic materials (pottery and glass with metal);
- ✓ hard alloy metal with steel;
- ✓ cast heat-treated alloys;
- ✓ mutually insoluble metals (for example, copper with tungsten or with molybdenum);
- ✓ some of sintered materials, especially if it is necessary to keep initial gas pockets (for example, during manufacturing of sintered metal filters);
- The machine provides for a possibility to acquire compounds on par with parent metal by every measure;
- Post-welding parts are ready to sale, and aftertreatment is not required;
- Developed surface welding availability;
- Unrestricted welding capacity in terms of thickness ratio;
- The machine provides for a possibility to acquire laminated composites.

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TECHNOLOGICAL CENTRE

Contact: Technosvar
Mr. Alex Osinin
Schosseynaya 3
180680 Pskov, Russia
Fon: +78112725198
Fax: +78112725016
E-Mail: info@tehnosvar.ru