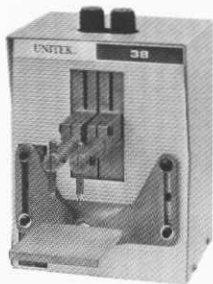


# MANUALLY ACTUATED WELD HEADS



## UNITEK 38F SERIES

### SERIES WELD HEAD

- Independently suspended, Low Inertia Differential Slide, Force Fired Electrodes. Manual Actuation.
- Mode Switch allows: Series Welding or Step Welding in which the weld current flows from one of the upper electrodes, across the workpiece and into the remaining electrode. Parallel Welding in which two simultaneous opposed welds are made at different energy and force settings using two power supplies.
- Easy to read visual force scale.
- Furnished with Electrode Holders, 1 pr. RWMA 2 Electrodes, Table Electrode and 8" #2 weld cables.
- Force Range: 1 to 25 lbs (0.4 to 12 Kgm).
- Center-to-Center distance of upper electrode arms is 0.9"
- Uses 1/4" diameter electrodes.
- **For 5 lb Force Range** with 3/8" diameter Electrode Holders and 1/8" diameter RWMA 2 Electrodes, **Specify Model 38FLF.**

## UNITEK 132F



### WELD HEAD FOR A.C. WELDING APPLICATIONS

- Low Inertia Differential Slide Construction.
- Easy to read visual force scale.
- Optional Model HE2000WC, Water/Forced Air Cooled Electrode Holders, are available for High Duty Cycle Applications.
- Furnished with Electrode Holders, 1 pr. RWMA 2 Electrodes and 4" intercouplers.
- Force Range: 2 to 100 lbs (1 to 45 Kgm).
- Uses 1/4" diameter electrodes.

# AIR ACTUATED WELD HEADS

## FAMILY FEATURES

- Includes 115 Volt Air Solenoids, Air Cylinder with Downstop, Air Pressure Regulator and Up Speed and Down Speed Controls.
- **Requires Customer supplied air filter/lubricator. Air Pressure: 65 psig. max.**
- Model FS3, Footswitch is required when Weld Heads are used with Stored Energy Power Supplies.  
Model FS2, Two Level Footswitch is required when Weld Heads are used with any Phasemaster II except the PM2WH.  
Model FS4, Single Level Footswitch is required when Weld Heads are used with the PM2WH.

## UNITEK 127A



### PARALLEL GAP MINIATURE WELDING HEAD

- Designed for high production parallel gap welding and reflow soldering applications.
- compliant tip, nickel plated electrode arms accept self aligning electrodes which conform to uneven weld surfaces.
- Thermocouple interface for reflow tip applications.
- Electrode gap spacing: 0.0 to 0.040"
- Air actuation specifications are the same as shown for Model 32A.
- See Weld Head Specification Table on page 20.

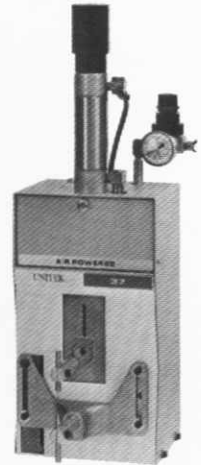
# AIR ACTUATED WELD HEADS



**UNITEK  
32A**

## MINIATURE WELD HEAD

- Designed for production applications requiring maximum efficiency and optimum weld consistency.
- Air pressure: maximum 65 lbs.
- 115 Vac Air Solenoid requires Unitek FS3 Footswitch, Phasemaster II Controls or customer supplied palm buttons.
- See Weld Head Specification Table on page 20.



**UNITEK  
37A**

## WELD HEAD

### FOR STORED ENERGY WELDING APPLICATIONS

- The preferred head for capacitor discharge welding applications.
- Designed for high production systems.
- Air pressure: maximum 65 lbs.
- 115 Vac air solenoid requires Unitek FS3 Footswitch, or customer supplied palm buttons.
- Low friction, differential slide construction.
- Supplied with electrodes and 8" #2 weld cables.
- See Weld Head Specification Table on page 20.

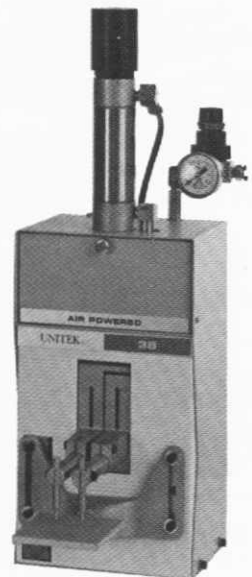


**UNITEK  
132A**

## WELD HEAD

### FOR A.C. WELDING APPLICATIONS

- Low inertia follow-up system maintains electrode force throughout weld cycle.
- Air pressure: maximum 65 lbs.
- 115 Vac air solenoid requires Unitek FS3 Footswitch or Phasemaster II Control.
- Optional Model HE2000WC, Water/Forced Air Cooled Electrode Holders, are available for High Duty Cycle Applications.
- See Weld Head Specifications Table on page 20.



**UNITEK  
38A SERIES**

## WELD HEAD

- Designed for production welding applications where only one side of the workpiece is accessible.
- Versatile dual electrode construction provides both series and parallel welding capability.
- Water cooled electrode holders available.
- Supplied with electrodes.
- Air actuation specifications are the same as shown for Model 37A.
- See Weld Head Specification Table on page 20.