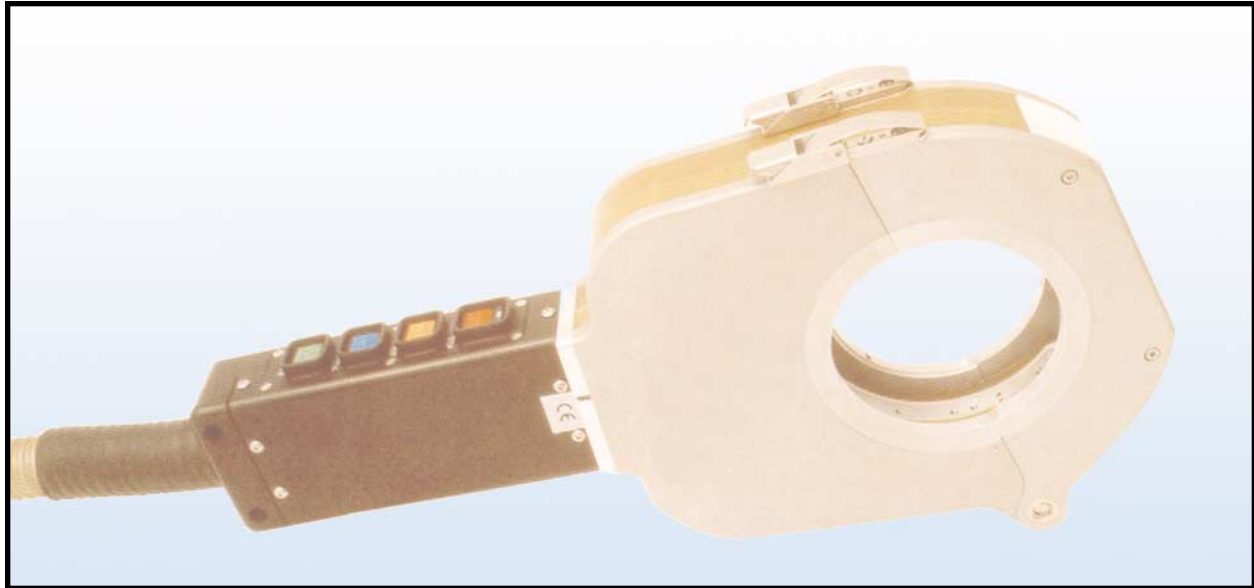


# 7000 Series Orbital Weldheads

(For 4½" and 6½" Tube)



- High Duty Cycle due to superior internal, weldhead body and rotor water cooling (U.S. Patented)
- Remote Control built-in to the Handle
- Quick-change collets that require no tools for replacement
- Very rugged construction: mechanical and thermal protection
- 15 degree slant for easier loading/unloading and tungsten setting
- Collets for nearly all standard elbows and fittings

Part #	Item and Description	Tube Size Range	Pipe Size Range
PF-7004	4½" Orbital Weldhead for MK Power Supplies	1" to 4½"	1" to 4"
PF-7006	6½" Orbital Weldhead for MK Power Supplies	1" to 6½"	1" to 6"

# 7000 Series Weldhead Features and Benefits

The 7000 series is a weldhead range which is distinguished by its high thermal load capacity. This development had been brought on by the changing requirements from the chemical, pharmaceutical, and food-processing industries. Now there are new applications with increased wall-thickness that require more heat-resistant weldheads.

With specially designed water channels running completely throughout the whole weldhead body, a highly efficient heat exchange was created. This allows nearly continuous weld cycles even with high currents and high duty cycles.

The closed chamber design of the weldheads and the unique internal gas delivery system ensure a continuous non-turbulent gas shield around the whole weld joint resulting in minimal O.D. oxidation.



Another unique feature is the newly developed quick-changing system for the collets. No longer will you need any screws and tools for changing the collets! Without anything else, other than your hands, the collets can be easily snapped in or out of position while still ensuring proper, precise alignment of welded parts.

With a built-in integrated remote control in the rugged weldhead handle, all critical welding commands can be transmitted to the power source. This eliminates the need for an additional remote pendant.

