

# Tuffaloy weld force gauges



Large force gauge with maximum reading of 10,000 lb. Item No. 601-8100



Digital-Hydraulic force gauge with maximum reading of 3000 lb. Item No. 601-3000D.

2000-lb force gauge with 12-in. flexible extension. Item No. 601-8020-12.

Resistance welding set-up and troubleshooting will be a lot easier with one of TUFFALOY'S weld force gauges. They let you know what weld pressure you're getting at any time. Pressure is one of the three variables (along with heat and time) that must be correct if good welds are to be made.

Force gauges eliminate the shortcomings of computing weld pressure. Figuring from a standard air gauge reading can be inaccurate because weld cables or water hoses can impede strokes, or the air gauge itself may be incorrect. And when using lever-action rocker-arm welding equipment, determining weld pressure involves more complex computations to allow for the ratios present.

These are compact, direct-reading instruments. They operate on a closed and sealed hydraulic system, and require no maintenance.

The 5000- and 10,000-lb gauges are not insulated; weld current must be turned off. The 2000- and 5000-lb gauges are available in models with a flexible metal connecting hose between sensor and gauge. This makes gauge reading easier in hard-to-see locations.



## HIGH PRECISION GAUGE

This is the most precise force gauge available anywhere. It is accurate to within 1/2 of one percent of actual reading, and it is permanently calibrated. Maximum reading is 3000 lb, in 20-lb increments. (Other capacities available on special order.) Flexible extension model, too.

High precision digital gauges are available in both metric and English units.

## STANDARD GAUGE DESCRIPTION

Maximum Reading	Increment Every	Opening Required	Extension Length	Item No.
2000 lb (900 kg)	50 lb (20 kg)	5/8 in. (16 mm)	—	601-8020*
2000 lb (900 kg)	50 lb (20 kg)	5/8 in. (16 mm)	12 in. (309 mm)	601-8020-12
5000 lb	100 lb	1 in.	—	601-5000
5000 lb	100 lb	1 in.	18 in.	601-5000-18
10000 lb	200 lb	1 in.	—	601-8100
5000 kg	100 kg	25.4 mm	—	601-8101
3000 lb	1 lb	11/16 in.	—	601-3000D

## PRECISION GAUGE DESCRIPTION

3000 lb	20 lb	5/8 in.	—	601-8030
3000 lb	20 lb	5/8 in.	12 in.	601-8030-12

## SPECIAL GAUGE SIZES

250 lb	Consult Factory			
500 lb				
1000 lb				
20,000 lb				

\*A molded plastic carrying case is available Item No. 601-8019