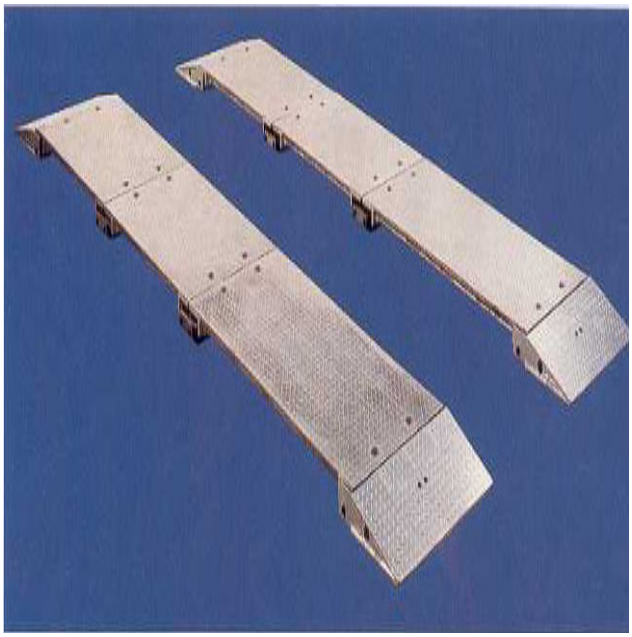
# Semi-Portable NTEP Certified Class IV Axle Scale



## FEATURES

- Certified NTEP Class IV
- Capacities - 30 to 60 tons
- Length - 7’ to 12’
- Axle groups include single, tandem and triple axle groups
- 6061-T6 aluminum alloy or A36 structural steel
- Diamond tread plate for optimum tire traction
- Two nickel-plated alloy steel load cells per pad
- 4 to 12 load cells per system
- Operating temperature of 10 to 125° Fahrenheit
- Sealed to withstand all weather environments

## OPTIONS

- Printer
- Suitcase display

## DESCRIPTION

SI Onboard’s semi-portable NTEP certified class IV axle scales are used to provide high accuracy truck axle weights for applications requiring mobility. They can be used in static applications at a fraction of the cost of a full length truck scale. The design of these scales meets or exceeds the requirements of USA NIST, Handbook 44 Class IV. The system consists of two weighbridges that are used to weigh both the left and the right side of the same axle group. These systems are capable of providing the weights of the individual axles within the same axle group. Weighbridge lengths vary and should be chosen based on the largest axle group (i.e. tandem, triple, spread or quad) that is to be weighed. 6061-T6 aluminum alloy construction material provides the required strength, while maintaining the low weight required for portability. A36 structural steel construction material can be chosen for more permanent applications. Diamond tread plate weighbridge surfaces maximize positive tire traction for increased safety. Single and multiple channel, as well as printing, indicators are also NTEP certified.

## APPLICATIONS

- Law enforcement

Semi-Portable NTEP Certified Class IV Axle Scale

| SPECIFICATIONS | |
|---|---|
| **PARAMETERS** | **DESCRIPTION** |
| Accuracy | Meets NTEP class IIII and OIML class IIII |
| Capacity (GVW) | Up to 120,000 lb |
| Operating temperature | 10 to 125° F |
| Number of load cells/pad | 2 |
| Number of load cells/weighbridge | 4 or 6 |
| Number of load cells/system | 8 or 12 |
| **LOAD CELLS** | |
| Static capacity | 30,000 lb |
| Type | Double ended bending beam |
| Material | Alloy steel |
| Rated output | 1.5mV/V at 12,500 pounds |
| **SCALE SECTION** | |
| Material | 6061-T6 aluminum alloy or A36 structural steel |
| Capacities | 60,000 - 12,000 lb |
| Surface | Diamond tread plate |
| Height | 3.6” |
| Width | 32” |
| Length | 7’ - 12’ |
| Axle accommodations | Single, tandem, triple, spread and quad |

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