

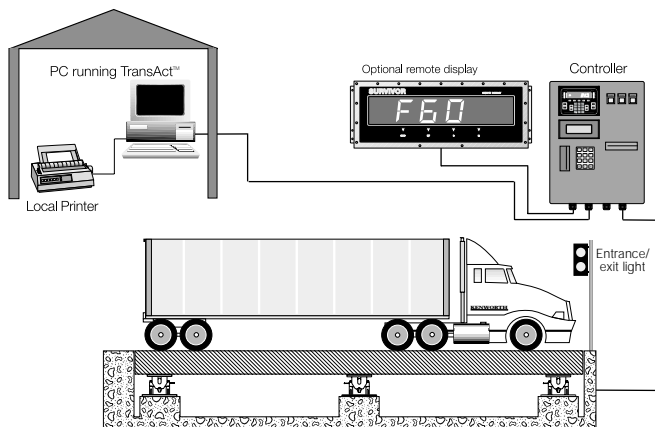
ATS-2 Automated Truck Scale System

WITH **TRANSACT™**
ULTIMATE DATA MANAGEMENT



PART #	DESCRIPTION
44015 ATS-2 Automated Truck Scale System, 115 VAC
44014 ATS-2 Plus Automated Truck Scale System, 115 VAC

From the platform, to the invoice, to account management, the ATS-2 automated truck scale system is the ultimate solution for your unattended outdoor truck scale needs. A Pentium® PC and our TransAct™ data management software make setting up the operation a snap, and the 40-column internal kiosk printer provides driver tickets. The ATS-2 system also includes an IQ plus® 810 digital indicator for accurate weighments, controls for traffic lights, a tough vandal-proof numeric keypad for data entry, an industrial bar code badge scanner, and an easy-to-read 4 x 20 VFD display for operator prompting.



Pentium is a registered trademark of Intel Corporation

Applications

- Automated inbound/outbound scale terminals
- Unattended vehicle management

Standard Features

- TransAct™ PC software
- Current production PC
- Okidata 320 Turbo printer with parallel cable
- ATS-2 controller:
 - Large, bright, easy-to-read 4 x 20 digit Vacuum Fluorescent Display (VFD) for operator prompting
 - Vandal-proof cast aluminum numeric keypad
 - Bar code badge scanner
 - System and printer status lights
 - Kiosk ticket printer
- Traffic light kit (one red/green light)
- 50 pre-printed security badges

ATS-2 Plus:

- Same features as ATS-2, with TransAct Plus full accounting package PC software

Options/Accessories

- 43598 SURVIVOR® IQ F15, 1.5" flip digit remote display, 115/230 VAC
- 40879 SURVIVOR® IQ F40, 4.0" flip digit remote display, 115/230 VAC
- 40880 SURVIVOR® IQ F60, 6.0" flip digit remote display, 115/230 VAC
- 43898 TransAct Version 3.1.14A (ATS-2 compatible)
- 43899 TransAct Plus Version 3.1.14A (ATS-2 compatible)
- 36966 Internal heater for controller
- 21159 Internal transient protection for controller
- 23146 Additional traffic light kit, 115 VAC
- 48397 Additional operation manual

Consult factory for these additional options:

- UPS power supply
- RF transmitter for PC connection
- RF tags/antenna for truck IDs
- RF transmitter for remote displays
- Currency acceptors
- Stainless steel controller enclosure
- Loop detectors
- Satellite controller for control at both ends of the scale
- Multiple deck truck scale control
- 230 VAC

(Specifications on back)

Controller Specifications:

LOAD CELL EXCITATION:

10 ± 0.5 VDC, 16 x 350-ohm load cells (on up to 4 channels)

LOAD CURRENT:

460 mA maximum (16 350-ohm load cells)

INTERCONNECTION CABLE REQUIREMENTS:

6-wire selective (jumpers required on sense leads for 4-wire)

ANALOG SIGNAL INPUT RANGE:

0.6 mV/V - 3.9 mV/V

ANALOG SIGNAL SENSITIVITY:

0.3 microvolts/graduation minimum
Legal-for-trade recommended minimum 1 microvolt/graduation

INPUT OVERLOAD:

±12V continuous, static discharge protected

CONVERSION RATE AT FULL SCALE:

20/second, typical (standard resolution)
10/second, typical (high resolution)

RESOLUTION:

Selectable up to 100,000 displayed graduations
Selectable up to 740,000 graduations internal

DISPLAY INCREMENTS:

1, 2, 5

UNDERRANGE BLANKING:

-2 mV signal nominal

OVER/UNDER CAPACITY ANNUNCIATION:

Overload displayed as: ...
Underload displayed as: ...

LEAD ZERO BLANKING:

Standard, per NIST H-44 requirements

DISPLAYS:

Large .55" (14.0mm) 7-digit, 14-segment blue/green VFD
9.0mm 4-line x 20-character alphanumeric blue/green VFD

POLARITY INDICATION:

" - " sign

DECIMAL POINTS:

8888888, 888888.8, 88888.88, 8888.888, 888.8888,
88.88888, 8.888888, 8888800, 8888880

LB/KG SWITCHING:

Front-panel push button

FRONT-PANEL ANNUNCIATORS:

Paper low, Printer Error, System Error, lb/kg, motion center of zero

SERIAL OUTPUT:

"Remote Display" port, simplex RS-232 and 20 mA current loop

INPUTS (2):

Inbound photoeye/loop detector
Outbound photoeye/loop detector

OUTPUTS (4):

Inbound red/green lights
Outbound red/green lights

AZM APERTURE:

±1.9% of selected full scale capacity or 100%, internal selectable

ANALOG FILTERING:

Software selectable: 2, 8 Hz typical/3 pole, off (25 Hz)

DIGITAL FILTERING:

Standard range software selectable: 1, 2, 4, 8, 16, 32, 64, 128
RATTLETRAP® high vibration control: 4, 8, 16, 32, 64, 128

MOTION BAND:

1, 2, 3, 5, 10, 20, off

MOTION TIME SENSITIVITY:

Fixed at 1 second

POWER:

Line voltages: 115 VAC +10%/-15%
Frequency: 50 or 60 Hz
Fusing: 5A circuit breaker

DISPLAY CHECK:

All digit segments and annunciators simultaneously illuminated upon application of power

OPERATING TEMPERATURE:

14°F to 104°F (-10°C to 40°C)

PACKAGING:

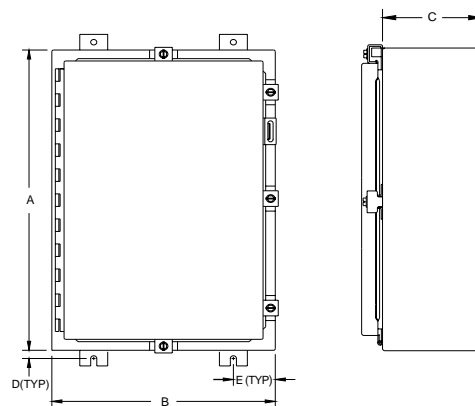
Enclosure: NEMA 4 painted mild steel
Weight: Approximately 100 lb (45.3 kg)

APPROVALS:

NTEP certified, Class III/IIIL, CC# 98-158

WARRANTY:

One year limited warranty



DIMENSIONS

A = 30.00" (762mm)	D = 0.62" (16mm)
B = 24.00" (610mm)	E = 3.0" (76mm)
C = 12.00" (305mm)	

PC Specifications (minimum):

PROCESSOR:

Intel 166 mHz Pentium with MMX technology

MEMORY:

32 MB SDRAM

HARD DRIVE:

2 GB 11mS Ultra ATA

CD ROM:

12x min, 24x max

MONITOR:

15" (13.9" viewable)

GRAPHICS ADAPTER:

2 MB 3-D 64-bit PCI

PC PACKAGE CONTAINS:

Desktop case, 104 + keyboard, MS Mouse, Windows™ 95 and MSOffice (Small Business Edition)

WARRANTY:

PC warranty is through PC manufacturer

Windows is a trademark of Microsoft Corporation