

Model 1070 Portable WIM System

MANUFACTURER AND VENDOR INFORMATION

Effective Date: March 22, 2000

Manufacturer name: International Road
Dynamics, Inc.

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PRODUCT NAME/MODEL NUMBER: Model 1070 Portable WIM System

FIRMWARE VERSION/CHIP NO.: NA

SOFTWARE VERSION NO.: WIM Data collection operation software MSDOS 6.22 operating system.

GENERAL DESCRIPTION OF EQUIPMENT: Portable Weigh-in-Motion and data collection unit.

SENSOR TECHNOLOGY AND CONFIGURATION: Uses Inductive Loops and Piezoelectric sensors. Most common configuration is Loop-Piezo-Piezo-Loop

SENSOR INSTALLATION: Portable (On road) Permanent (in-road).

INSTALLATION TIME (Per Lane): Approximately 5-6 hours in a permanent Loop-Piezo-Loop configuration. Approximately 20-30 minutes in a portable application.

INSTALLATION REQUIREMENTS: See attached installation sheet.

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: 4 lanes for weigh-in-motion and classifying.

PRODUCT CAPABILITIES/FUNCTIONS: Collects and stores vehicle weight data including axle and gross vehicle weights.

RECOMMENDED APPLICATIONS: Weight enforcement, Traffic planning, safety, and audit.

POWER REQUIREMENTS (watts/amps): AC power for 12 volt, rechargeable battery. 24 hours operation with standard battery pack.

POWER OPTIONS: Additional battery units, solar package.

CLASSIFICATION ALGORITHMS: See attached.

TELEMETRY: RS232 port with baud rates from 300-19,200.

COMPUTER REQUIREMENTS: MSDOS lap top

DATA OUTPUT FORMATS: Standard Data reporting package.

SUPPORTING DATA BASE MANAGEMENT SYSTEM: Dependent on customer requirements.

EQUIPMENT AND INSTALLATION COSTS (One-lane and four-lane): Permanent one lane – approx. US \$ 15,000.00, 4 lanes approx. US \$ 25,000.00.

STATES CURRENTLY USING THIS EQUIPMENT:

<u>Country/State</u>	<u>Contact name</u>	<u>Telephone number</u>
USA/Nebraska		
USA/Colorado		
USA/North Carolina		
USA/West Virginia		
Canada/Saskatchewan		
Canada/Ontario		
Canada/New Brunswick		
Argentina		
Mexico		
Japan		
Korea		
India		