



**J & S Instruments, Inc.**

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## **JS-600 TRIPOD ASSEMBLY w/ GUY WIRES and JS-605 TRIPOD LIGHTNING ROD ASSEMBLY DATA SHEET**



The JS-600 Tripod Assembly w/ Guy Wires is a complete system for mounting a portable weather station. This assembly includes a preassembled 3 foot tall tripod mount with three mounting feet and 12 inch ground stakes for securing to the earth. Additionally, two 5 foot masts which interlock together (secured by a cotter pin) are supplied to permit the station sensors to extend in excess of 10 feet above the ground. The masts are held in place within the tripod's two collars by three bolt and nut pairs in each collar.

Three each 33 foot long preassembled guy wires are provided to secure the tripod for added strength of the installation. Each guy is constructed of 18 gauge, 6 strand galvanized wire and has a 4 inch turnbuckle for balancing the tension. The guys are secured to the mast using a guy ring and collar while the other end of the guys are held firmly to the earth using 12 inch ground stakes. Each guy wire loop is held in place using wire clamps.

All of the components in the JS-600 Tripod Assembly w/ Guy Wires were chosen for their heavy gauge, galvanized/chromed or enameled finish and ease of use. This assembly will support wind loads to one hundred pounds at gusting wind speeds to 75 MPH.

(continued)



## **SPECIFICATIONS:**

Height: 5 to 12 feet

Guy wire: 6 strand, 18 gauge

Wind load: 100 Lbs. @ 75 MPH  
gusts

Mast: 16 gauge, 1 1/4" dia.

The JS-605 Tripod Lightning Rod Assembly was designed for use with the JS-600 Tripod Assembly w/ Guy Wires to protect the instrumentation located on this assembly from static charge which occurs during close proximity lightning strikes. When installed, this assembly provides a 45° umbrella of protection to sensors located under this coverage. This unit comes complete with an eight foot lightning rod, eight foot ground rod, ten feet of 2/0 bare copper cable and the necessary hardware to assemble and to secure the assembly to the tripod's mast.

The JS-600 Tripod Assembly w/ Guy Wires and the JS-605 Lightning Rod Assembly come complete with a full one year warranty against defects in materials or workmanship.

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