

ND3 NODE OVERVIEW

Combined with our powerful, cloud-based, Waites reliability portal, the ND3 wireless node installed with our line of temperature and vibration sensors will keep your equipment running properly and alert you long before unexpected failures occur. With hundreds of thousands of sensors installed and monitored, customers with Waites systems realize hundreds of millions of dollars per year in documented lost production savings and increased production capacity.

POWER

Battery powered (weatherproof and non-weatherproof)

Battery: (2) Approved 3.6V D-Cell Lithium*

Expected Battery Life: 3-6 years*

*Expected battery life is based on environmental conditions and reading intervals.

85-240V AC line powered and weatherproof

AC Current (Max): 0.12A/115VAC

Inrush Current (Typ.): Cold start 20A/115VAC

12-32V DC line powered and weatherproof

DC Current (Max): 500 mA

WIRELESS RADIO

802.15.4 wireless 2.4GHz ISM band with 3,000 ft LOS range

ENVIRONMENTAL

Operating Temperature: -40 to 185 °F (-40 to 85 °C)

SENSOR CONNECTIONS

Up to six temperature and vibration sensors or one tachometer with up to five temperature and vibration sensors

PHYSICAL DIMENSIONS

5 in x 5.375 in x 3.6 in (12.7 cm x 13.6 cm x 9.1 cm)

Battery powered:

0.85 lbs (0.39 kg) without batteries

1.35 lbs (0.61 kg) with batteries

Line powered: 1.5 lbs (2.27 kg) with cable (11.5 ft / 3.5 m)



Front View



Bottom View