

# NMS20

## WORLD'S FIRST WATERPROOF HAND-HELD METAL DETECTOR

SAFETY CANNOT BE COMPROMISED, WHETHER  
INDOORS OR OUTDOORS!

IP67



The new line of Nokta Makro Security Metal Detectors take security to a whole new level by offering advanced detection technologies and ultimate reliability. NMS20 is designed to find all kinds of ferrous and non-ferrous metals.



**Nokta | MAKRO**  
DETECTION TECHNOLOGIES

SHOP DETECTORS  
TEL : +1 206-401-9788  
WEB : <https://shopdetectors.com/>  
EMAIL : [contact@shopdetectors.com](mailto:contact@shopdetectors.com)

**Authorized  
R&D CENTER**



#### NIJ Standard 0602.02 Compliant

The features of the NMS30 complies with the NIJ standard 0602.02 as well as the new NIJ draft standard 0602.03 and exceeds the NIJ Standard - 0602.02 detection requirements.



#### IP67

Fully submersible and protected from total dust ingress.



#### Wide Detection Area

The NMS20 offers a quicker and more accurate scanning compared to conventional hand-held detectors.



#### Adjustable Sensitivity

Easily adjust the sensitivity according to the target metal size and maximum operating distance.



#### Detection Alerts & Indicators

1. Audio Alarm 2. Vibration Alarm 3. LED Alarm



#### Rebar Elimination Feature

Eliminates the detection of rebar when scanning areas closer to the ground.



#### Frequency Shift

Allows for an interference free operation of multiple detectors simultaneously.



#### Long Battery Life

The NMS30 is supplied with two AA rechargeable batteries with a battery life of over 40 hours.



#### Auto Stand-by & Shut-down

Reduces power consumption and saves battery life.



#### Universal Charging Station

Charge the detector conveniently and quickly in its charging station that serves as a stand as well. Comes with a universal charging adaptor & plugs.



#### Robust & Ergonomic Design

Features a comfortable hand grip that does not interfere with the detection area. It also boasts an exceptional design that allows the detector to be passed over the inspected area conveniently without getting caught on clothing.



#### Detection of Radioactive Substances (Optional)



#### Headphone Jack (Optional)

## APPLICATIONS

- Airports
- Shopping Malls
- Government Offices
- Schools
- Police Stations
- Military Areas
- Courthouses
- Prisons
- Stadiums
- Concert Halls
- Public Meeting Areas
- Transportation Terminals
- Corporate Security
- Building Complexes
- Trade & Business Centers



## TECHNICAL SPECIFICATIONS

Operating Frequency : 13 kHz

Power Supply : Metal Detector: 2xAA Ni-MH 2700 mAh rechargeable batteries  
AC/DC Charging Adaptor: 100-240Vac 50-60Hz 0.5A

LED Alarm : Yes

Audio Alarm : Yes

Vibration : Yes

Sensitivity : 3 levels

Rebar Elimination : Yes

Battery Life : 40+ hours

Operating Temperature: Metal Detector: -40°C - 70°C (-40°F - 158°F)

Charging Station: 0°C - 70°C (32°F - 158°F)

Storage Temperature: -40°C - 85°C (-40°F - 185°F)

Dimensions (WxLxH) : NMS20: 82 x 445 x 48mm (3.2" x 17.0" x 1.9")

Charging Station: 85 x 180 x 128mm (3.3" x 7.1" x 5.0")

Optional NMS20/30 Multi Docking Station: 247 x 615 x 82mm (9.7" x 24.2" x 3.3")

Optional NMS20/30 Carrying Case: 300 x 510 x 110mm (11.8" x 20.1" x 4.3")

Weight : NMS20: 605g. (1.3lbs)

Charging Station: 625g. (1.4lbs)

Optional NMS20/30 Multi Docking Station: 2595g. (5.7lbs)

Optional NMS20/30 Carrying Case: 1325g. (2.9lbs)



## PACKAGE CONTENTS



NMS20/30 Charging Station



Universal Charging Adaptor



Universal Charging Adaptor Plugs



NMS20/30 Charging Station  
Connection Pins (3 pieces)



USB Charging Cable



Calibration Test Piece



Belt Holster



Wrist Strap



2xAA Batteries

## OPTIONAL ACCESSORIES



NMS20/30 Multi-Docking Station



NMS20/30 Carrying Case

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