

**NP2DLM**  
Cordless Vacuum Pump



**Cordless · Compact · Convenient**

- 2 CFM, 23 microns
- High performance lithium battery
- Up to 1 hour running time
- Brushless DC technology
- Light weight at 8.4 lbs
- Compact design
- Dual-stage
- Backflow prevention check valve
- Isolation valve
- 1/4" & 3/8" inlet

**2-year warranty**

**BREAK FREE**  
CORDLESS SERIES

UPC: 811245030598  
Unit Dimensions (WxDxH):  
9.2" x 3.5" x 7.5"  
Carton Dimensions (WxDxH):  
15.2" x 8.9" x 9.4"  
Unit/Gross Weight: 8.4/14.5 lbs

**NP4DLM**  
Cordless Vacuum Pump



**World's Highest Capacity Cordless DC Pump**

- 4 CFM, 15 microns
- Residential and light commercial applications
- High performance lithium battery
- Up to 1 hour running time
- Brushless DC technology
- Compact design, light weight at 15.4 lbs
- Dual-stage pump with gas ballast
- Backflow prevention check valve
- Isolation valve & Lifting hook
- 1/4", 3/8" & 1/2" inlet

**2-year warranty**

**BREAK FREE**  
CORDLESS SERIES

UPC: 811245031281  
Unit Dimensions (WxDxH):  
12.4" x 4.4" x 9.4"  
Carton Dimensions (WxDxH):  
14.2" x 8.9" x 10.9"  
Unit/Gross Weight: 15.4/20 lbs

**NB1**  
Lithium Battery for NP2DLM



18V, 5Ah, 90Wh  
UPC: 811245031182  
Unit Dimensions (WxDxH):  
3.1" x 2.8" x 4.8"  
Unit Weight: 1.3 lbs

**NBP2**  
Lithium Battery for NP2DLM/NP4DLM



18V, 9Ah, 162Wh  
UPC: 811245031229  
Unit Dimensions (WxDxH):  
3.5" x 3.1" x 4.8"  
Unit Weight: 2 lbs

**NAPS1**  
Power Supply Adapter for NP2DLM/NP4DLM



Input: 100V-240V~50/60Hz 180W  
Output: 18V 6A  
UPC: 811245031632  
Unit Dimensions (WxDxH):  
12.2" x 6.3" x 3"  
Unit Weight: 4.4 lbs

**NRP6Di**  
**NRP8Di**  
Smart Vacuum Pump



**Brushless DC with Smart Control**

- NRP6Di: 6 CFM, 15 microns
- NRP8Di: 8 CFM, 15 microns
- Brushless DC technology
- Light weight at 25.35 lbs
- Automatic control, digital display with task reminder
- Built-in micron vacuum gauge for easy leak detection
- Solenoid valve for vacuum preservation and oil backflow prevention
- Dual-stage pump with gas ballast
- 1/4", 3/8" & 1/2" inlet

**2-year warranty**

**MASTER** SERIES

UPC: 811245030024(NRP6Di)  
811245030031(NRP8Di)  
Unit Dimensions (WxDxH):  
14" x 5.3" x 11.9"  
Carton Dimensions (WxDxH):  
16.7" x 8.5" x 13.6"  
Unit/Gross Weight: 25.4/30 lbs

**NP12DM**  
Vacuum Pump



**Fast · Robust · Powerful**

- 12 CFM, 5 microns
- Industrial grade design
- High evacuation performance
- Brushless DC technology
- Integrated dual-stage pump
- Oil backflow prevention
- Ball valve design, easier to drain
- Large oil sight glass for better view
- Adjustable gas ballast
- 1/4", 3/8" & 1/2" inlet

**2-year warranty**

**MASTER** SERIES

UPC: 811245030604  
Unit Dimensions (WxDxH):  
16.3" x 6" x 12.1"  
Carton Dimensions (WxDxH):  
22.3" x 9.2" x 14.2"  
Unit/Gross Weight: 32/39.7 lbs

**NP12DA1**  
Ammonia Vacuum Pump



**Robust and Corrosion Resistant**

- Corrosion resistant for Ammonia (R-717)
- 12 CFM, 5 microns
- Industrial grade design
- Brushless DC technology
- Integrated dual-stage pump
- Oil backflow prevention
- Ball valve design, easier to drain
- Large oil sight glass for better view
- Adjustable gas ballast
- Inlet: KF25
- Exhaust: KF25 adapter included

**2-year warranty**

**MASTER** SERIES

UPC: 811245031472  
Unit Dimensions (WxDxH):  
16.3" x 6" x 12.1"  
Carton Dimensions (WxDxH):  
22.3" x 9.2" x 14.2"  
Unit/Gross Weight: 32/39.7 lbs

**NP4DP**  
Vacuum Pump



**Performance · Reliability**

- 4 CFM, 15 microns
- Dual-stage
- Internal check valve to prevent oil backflow
- Integrated cylinder structure for high performance and reliability
- Forced oil circulation for efficiency and durability
- Larger oil tank of 17 oz
- Gas ballast
- Lifting hook
- 1/4", 3/8" & 1/2" inlet

**1-year warranty**

**PRO** SERIES

UPC: 811245030567  
Unit Dimensions (WxDxH): 14" x 5" x 11.3"  
Carton Dimensions (WxDxH): 16.7" x 8.5" x 13.6"  
Unit/Gross Weight: 24.3/32 lbs

**NP7DP**  
Vacuum Pump



**Performance · Reliability**

- 7 CFM, 15 microns
- Dual-stage
- Internal check valve to prevent oil backflow
- Integrated cylinder structure for high performance and reliability
- Dual voltage
- Forced oil circulation for efficiency and durability
- Gas ballast
- Lifting hook
- 1/4", 3/8" & 1/2" inlet

**1-year warranty**

**PRO** SERIES

UPC: 811245031144  
Unit Dimensions (WxDxH): 14" x 5" x 11.3"  
Carton Dimensions (WxDxH): 16.7" x 8.5" x 13.6"  
Unit/Gross Weight: 26/32 lbs

**NRD16T**  
Industrial Vacuum Pump



**Suitable for Heavy Commercial Applications**

**2-year warranty**

- 12 CFM, 3 microns
- Industry-leading ultimate vacuum
- Fast evacuation with power and reliability
- Oil backflow prevention
- Integrated cylinder structure
- Forced oil circulation
- Adjustable gas ballast
- Inlet: KF16
- Exhaust: KF25

UPC: 811245031076  
Unit Dimensions (WxDxH): 20.5" x 7.4" x 10.7"  
Carton Dimensions (WxDxH): 35" x 12" x 22"  
Unit/Gross Weight: 73/98 lbs

**NRD24M**  
**NRD30M**  
Industrial Vacuum Pump



**Fast · Powerful · Reliable**

**1-year warranty**

- NRD24M: 18 CFM, 3 microns
- NRD30M: 23 CFM, 3 microns
- Industry-leading ultimate vacuum
- Fast evacuation with power and reliability
- Oil backflow prevention
- Corrosion-Resistant
- Integrated cylinder structure
- Forced oil circulation
- Adjustable gas ballast
- Inlet: KF25
- Exhaust: KF25

UPC: 811245031786 (NRD24M)  
811245031793 (NRD30M)  
Unit Dimensions (WxDxH): 20.5" x 7.4" x 10.7"  
Carton Dimensions (WxDxH): 29.5" x 9.3" x 17.3"  
Unit/Gross Weight: 77/92.6 lbs

**VO1Q** (1 Liquid Quart)  
**VO1G** (1 Liquid Gallon)  
Vacuum Pump Oil



**Premium Oil**

- Suitable for most vacuum pumps available in the market
- High quality, clean and free of contaminants
- Case Qty (VO1Q/VO1G): 12/6
- UPC: 811245031052 (VO1Q)  
811245031069 (VO1G)

**NPO68**  
Industrial Grade  
Vacuum Pump Oil  
(1 Liquid Quart)



**NOT30B**  
Oil Mist Filter  
for NRD16T/  
NRD24M/30M



UPC:  
811245031809 (NPO68)  
811245031229 (NOT30B)  
Case Dimensions (WxDxH):  
5" x 2" x 8.3" (NPO68)  
5.5" x 5.5" x 7.5" (NOT30B)  
Gross Weight: 2 lbs (NPO68)  
3 lbs (NOT30B)

**NRC62D**  
Smart Refrigerant  
Charging Machine



**Smart Charging**

**2020 DEALER DESIGN AWARDS**  
NEWS | **BRONZE**

**3 in 1**

- "3-in-1" Smart Charging Machine w. Digital Manifold, Vacuum Pump and Refrigerant Scale.

**2 year warranty**

**MASTER** SERIES

- 6 CFM DC dual-stage vacuum pump
- Built-in advanced digital manifold gauge
- Wireless refrigerant scale included
- Built-in micron vacuum gauge with leak detection
- Wireless temperature probes
- Weigh-in or SH/SC charging options

UPC: 811245031083  
Unit Dimensions (WxDxH): 19.7" x 10" x 14.5"  
Carton Dimensions (WxDxH): 21" x 12" x 15.7"  
Unit/Gross Weight: 38.6/41.1 lbs

RECOVERY UNIT

**NRRD**  
Recovery Unit



**Light • Fast**

- One key operation, easy to use
- Twin cylinder, fast recovery
- Oil-free compressor, suitable for all commonly used refrigerants

**1-year warranty**

- Purge function prevents mixing of various refrigerants
- High pressure protection for safety

UPC: 811245030055  
Unit Dimensions (WxDxH): 16" x 10" x 14"  
Carton Dimensions (WxDxH): 17" x 11.2" x 15.6"  
Unit/Gross Weight: 30/35.6 lbs

**NRDD**  
Digital DC Recovery Unit



**Lighter • Faster • Compact**

- Brushless DC technology
- Light weight at 25.4 lbs
- Large backlit display
- Easy-to-read LCD screen
- Twin-cylinder with 2-row oversized condenser for fast recovery

**\*3-year warranty**

- Oil-free compressor, suitable for all commonly used refrigerants
- Purge function prevents mixing of various refrigerants

*\*2 years over-the-counter warranty, extended to 3 years by registering on NAVAC website*

**MASTER SERIES**

UPC: 811245030635  
Unit Dimensions (WxDxH): 14.6" x 9.9" x 11.7"  
Carton Dimensions (WxDxH): 15.6" x 10.9" x 13.7"  
Unit/Gross Weight: 25.4/29.6 lbs

**NRDC4M**  
4-Cylinder Recovery Unit



**World's First DC 4-Cylinder Recovery Unit**  
**Fastest • Most Powerful**

- 4-cylinder for powerful recovery
- Up to 40% faster than 2-cylinder unit
- Super-efficient condenser
- Over-sized micro-channel coil
- 3 high-speed cooling fans

**2-year warranty**

- Brushless DC technology
- Large backlit display
- Easy-to-read LCD screen
- Dual oil-free compressor, suitable for all commonly used refrigerants

**MASTER SERIES**

UPC: 811245030642  
Unit Dimensions (WxDxH): 17" x 10.7" x 12.2"  
Carton Dimensions (WxDxH): 17.5" x 11" x 14"  
Unit/Gross Weight: 41.9/45 lbs

**NRDDF**  
Recovery Unit for Flammable Refrigerants



**Fast • Compact • Ignition-Proof**

- Design and tested to UL 121201, CSA C22.2 No.213-17 & IEC 60069-0
- Suitable for A2L, A2 & A3 refrigerants
- Brushless DC technology
- Oil-free compressor, suitable for all commonly used refrigerants
- Easy-to-read LCD screen

**\*1-year warranty**

- Large backlit display
- Twin-cylinder with 2-row oversized condenser for fast recovery
- Purge function prevents mixing of various refrigerants

*\*For recovering only HVAC/R refrigerants from sealed HVAC/R systems.*

**MASTER SERIES**

UPC: 811245031731  
Unit Dimensions (WxDxH): 16" x 10" x 14"  
Carton Dimensions (WxDxH): 18.2" x 11.4" x 13"  
Unit/Gross Weight: 25.4/29.6 lbs

REFRIGERANT TOOLS

**NVR1**  
Valve Core Removal Tool



**Fast Recovery and Evacuation**

**2 sizes in 1 tool**

- For use with both 1/4" and 5/16" flare fittings
- Rated for R410A systems
- Vacuum rated to 20 microns

**1-year warranty**

Case Qty: 5  
UPC: 811245030666 (unit)  
811245031106 (case)  
Dimensions (WxDxH): 5.4" x 6.2" x 1.8" (unit)  
7.2" x 5.6" x 6.4" (case)  
Unit/Case Weight: 0.6/3.4 lbs

**NMV1**  
Micron Vacuum Gauge



**Precise Measurement**

- Pirani vacuum sensor
- Professional grade & More precise
- Large backlit display
- Auto power off

**1-year warranty**

- Buzzing alert
- Vacuum level reminder
- Vacuum leakage warning
- Ergonomic design

Case Qty: 5  
UPC: 811245030062 (unit)  
811245030079 (case)  
Dimensions (WxDxH): 4.4" x 2.2" x 7.2" (unit)  
9.6" x 5.1" x 10.2" (case)  
Unit/Case Weight: 1/6.1 lbs

**NML1**  
Leak Detector



**Accurate Detection**

- Semiconductor sensor for precision
- Built-in intake fan for accurate detection
- Extended service life
- Rechargeable lithium battery
- Auto power off
- Easy to carry
- Ergonomic design

**1-year warranty**

Case Qty: 5  
 UPC: 811245030086 (unit)  
 811245030093 (case)  
 Dimensions (WxDxH):  
 12.1" x 2.9" x 10.6" (unit)  
 15" x 12.4" x 11.3" (case)  
 Unit/Case Weight: 2.6/15.1 lbs

**NRS2101**  
Wireless Refrigerant Scale



**Light • Precise**

- Wireless bluetooth control
- Auto power off
- Weight range up to 220 lbs
- Precision sensor with 0.05% accuracy
- Light, magnesium alloy weighing pan
- 3.3 lbs only, easy to carry
- Large backlit display
- Integrated handle design
- Convenient hide-away storage for handheld device

**1-year warranty**

Case Qty: 5  
 UPC: 811245030109 (unit)  
 811245030116 (case)  
 Dimensions (WxDxH):  
 10" x 3.8" x 12.4" (unit)  
 20" x 10.7" x 13" (case)  
 Unit/Case Weight: 5.7/30.1 lbs

**N2D4H**  
Manifold Gauge with Digital Display



**Precision • Impact-Resistant**

- Precision pressure gauge with Class 0.4 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- Easy-to-read digital display
- Auto power off
- For 22 commonly used refrigerants
- 3-color refrigerant hoses included

**1-year warranty**

Case Qty: 5  
 UPC: 811245030710 (unit)  
 811245030895 (case)  
 Dimensions (WxDxH):  
 11.8" x 12.5" x 3.3" (unit)  
 17.7" x 12" x 13" (case)  
 Unit/Case Weight: 6.4/33.2 lbs

**N2A4**  
Manifold Gauge



**Precision • Impact-Resistant**

- Precision pressure gauge with Class 1.0 accuracy
- 4-Refrigerants for wider applications
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- Suitable for R-22, R-410A, R-134a, R-404A
- Φ3-1/8" large dial for easy reading

**1-year warranty**

Case Qty: 5  
 UPC: 811245031397 (unit)  
 811245031403 (case)  
 Dimensions (WxDxH):  
 13.8" x 13.4" x 4" (unit)  
 17.7" x 14" x 14.4" (case)  
 Unit/Case Weight: 5.5/30 lbs

**N4A4H**  
4-Valve Manifold Gauge



**Precision • Impact-Resistant**

- 4 valve, easy-to-use
- Precision pressure gauge with Class 1.0 accuracy
- Aluminum body with ball valve handle
- Impact-resistant design
- Durable rubber cover
- Hidden hook design, easy to transport
- 4-color refrigerant hoses included
- Suitable for R-22, R-410A, R-134a, R-404A
- Φ3-1/8" large dial for easy reading

**1-year warranty**

Case Qty: 5  
 UPC: 811245031410 (unit)  
 811245031427 (case)  
 Dimensions (WxDxH):  
 12.1" x 13.5" x 3.7" (unit)  
 17.7" x 14" x 14.4" (case)  
 Unit/Gross Weight: 9.5/49.3 lbs

**NH5SC**  
Refrigerant Hose



**1/4" Charging Hoses with Ball Valve, 5 Ft Long**

- High strength
- Ball valve to prevent refrigerant loss
- Suitable for R-410A, R-134a, R-22 and other refrigerants
- 1/4" SAE fittings with 45° bend
- Leak-proof eight-sided crimp
- 800 psi working pressure, 4000 psi burst pressure
- Metal valve handle
- Universal, replaceable gasket

**1-year warranty**

Case Qty: 5  
 UPC: 811245031298 (unit)  
 811245031304 (case)  
 Dimensions (WxDxH):  
 10.1" x 10" x 2" (unit)  
 11.2" x 11.2" x 6.7" (case)  
 Unit/Gross Weight: 2/13 lbs

**NHB1**  
**NHB2**  
Big Boy Hoses



**Big Boy High-Flow Evacuation Hoses, 6 Ft long**

- High strength
- 1/2" large diameter for fast evacuation
- 4-layer construction for low permeation
- 3200 psi burst pressure, 640 psi working pressure
- Vacuum rated to 20 microns
- NHB1: 3/8" to 1/4" fitting
- NHB2: 1/2" to 1/4" fitting
- Dimensions (WxDxH):  
 12" x 12" x 2" (unit)  
 12.4" x 12.4" x 9.4" (case)

**1-year warranty**

Case Qty: 5  
 811245030673 (NHB1 unit)  
 811245031151 (NHB1 case)  
 811245030680 (NHB2 unit)  
 811245031168 (NHB2 case)  
 Unit/Case Weight: 2/11 lbs

**NKS1**  
Mini-Split Tool Kit



**NAVAC Advanced Tool Kit for Mini-Split Installation**

The kit includes 9 essential tools & 1 carry bag:

- NEF6LM Cordless Flaring Tool
- NTW1 Digital Torque Wrench
- NRM1D Manifold Gauge w. Digital Display
- NHK1 Hex Wrench Set
- NTC6 1/8"~3/4" Tube cutter
- NTC12 1/8"~1-1/4" Tube Cutter
- NTR14 Internal & External Reamer
- NTD28 Tube Deburrer
- NFG1 Flare Gauge

UPC: 811245031625  
kit Dimensions (WxDxH):  
21" x 10" x 11"  
Kit Weight: 20 lbs

**NTF66**  
**NTF66C**  
Flaring Tool



**Accurate Flaring**

**1-year warranty**

- Axial spacing ensures accurate and consistent flaring
- Eccentric cone with 45° flare for R410A system
- Nitride treatment for longer life
- Robust and durable
- Patented annular rivet connection
- Internal clutch prevents over-torquing
- NTF66C with NTC12 cutter
- NTF66 no cutter
- Tube OD: 1/4", 1/2", 3/8", 1/2", 5/8", 3/4"

Case Qty: 5  
811245030321 (NTF66 unit)  
811245030338 (NTF66 case)  
811245030345 (NTF66C unit)  
811245030352 (NTF66C case)  
Dimensions (WxDxH):  
10.4" x 9.4" x 2.5" (unit)  
13.4" x 10.7" x 9.8" (case)  
Unit/Case Weight:  
4.7/23.7 lbs (NTF66)  
4.9/28.1 lbs (NTF66C)

**NTF67D**  
Hand or Drill-Powered  
Flaring Tool



**Accurate Flaring**

**1-year warranty**

- Efficient and labor-saving with drill attached
- Axial spacing ensures accurate and consistent flaring
- Eccentric cone with 45° flare for R410A system
- Nitride treatment for longer life
- Robust and durable
- Patented annular rivet connection
- Internal clutch prevents over-torquing
- Tube OD: 3/16", 1/4", 1/2", 3/8", 1/2", 5/8", 3/4"

Case Qty: 5  
UPC: 811245031755 (unit)  
811245031762 (case)  
Dimensions (WxDxH):  
13.4" x 9.4" x 2.6" (unit)  
13.4" x 10.7" x 9.8" (case)  
Unit/Case Weight: 2.7/13.5 lbs

**NEF6LM**  
Cordless Power Flaring Tool



**Quick Accurate Flaring · Ultra Light**

**2-year warranty**

- Complete a flare in 15 seconds
- Over 100 flares per charge
- Quick charge in 30 minutes
- Ultra light at 2.9 lbs
- Quick connect with ready-to-use clamps
- 45° flaring for R410A
- Limit baffle assures precise flare depth
- Easy one-button operation
- Battery indicator & LED flash light
- Tube OD: 1/4", 3/8", 1/2", 5/8", 3/4"

**NBF2** - Lithium battery for NEF6LM, 7.4V 2Ah

**BREAK FREE**  
CORDLESS SERIES

Case Qty: 5  
UPC: 811245031359 (unit)  
811245031366 (case)  
Dimensions (WxDxH):  
11.8" x 12.6" x 4.7" (unit)  
26" x 12" x 13" (case)  
Unit/Case Weight: 8/39 lbs

**NFG1**  
Flare Gauge



**Ensure Perfect Flares**

**1-year warranty**

- For precise measurement of tube flare
- Tube OD: 1/4", 5/16", 3/8", 1/2", 5/8", 3/4"

Cast Qty: 10  
UPC: 811245030703 (unit)  
811245031113 (case)  
Dimensions (WxDxH):  
5.1" x 1.6" x 0.2" (unit)  
5.9" x 3" x 1.8" (case)  
Unit/Case Weight: 0.14/1.6 lbs

**NTE7**  
Tube Expander



**Easy to Expand**

**1-year warranty**

- Foldable design for portability
- Simple structure for expanding copper tubing
- Easy to use
- Tube OD: 3/8", 1/2", 5/8", 3/4", 7/8"

Case Qty: 10  
UPC: 811245030383 (unit)  
811245030390 (case)  
Dimensions (WxDxH):  
12" x 4.9" x 1" (unit)  
12.2" x 5.1" x 10.6" (case)  
Unit/Case Weight: 0.9/10.1 lbs

**NTE11H**  
Hydraulic Tube Expander



**NTEHHK**  
Expander Kit  
(Sold Separately)

**Powerful and Durable**

- Vacuum sealed hydraulic system, no oil change needed
- Easy to expand
- Suitable for large diameter copper
- Compact design, convenient for narrow spaces

**2-year warranty**

- Easy one-hand operation
- Reduced labor and improved efficiency
- Tube OD: 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1-1/8"
- NTEHHK Tube OD: 1-1/4", 1-3/8", 1-1/2", 1-5/8"

**NTE11H:** Case Qty 4  
 UPC: 811245030543 (unit)  
 811245030550 (case)  
 Dimensions (WxDxH):  
 15" x 10.9" x 2.8" (unit)  
 15.8" x 12" x 11.8" (case)  
 Unit/Case Weight: 8.2/34.3 lbs  
**NTEHHK:** Case Qty 5, 3.2lbs

**NTW1**  
Digital Torque Wrench



**Digital Readout - Adjustable Jaw**

**1-year warranty**

- Accurate within 2%
- Dual direction (CW & CCW)
- Torque setting memory & Peak hold
- Selectable measuring units (ft-lb, in-lb, N-m, kg-cm)

- Auto turn-off after 5 min.
- Indicator lights and sound for target torques

Case Qty: 6  
 UPC: 811245031465 (unit)  
 (case)  
 Dimensions (WxDxH):  
 19" x 5.7" x 3.3" (unit)  
 19.5" x 10.4" x 8.9" (case)  
 Unit/Case Weight: 3/20 lbs

**NTC6**  
**NTC12**  
**NTC15**  
Tube Cutter



NTC6      NTC12/15

**Easy to Cut**

**1-year warranty**

- Sharp and durable cutting blade
- Ball bearing, easy to cut and better quality
- Aluminum alloy body
- Light weight, easy to carry and use
- NTC6 tube OD: 1/8"~3/4"
- NTC12 tube OD: 1/8"~1-1/4"
- NTC15 tube OD: 1/8"~1-5/8"

Dimensions (WxDxH):  
 8.9" x 5.1" x 3.9" (NTC6 case)  
 9" x 5" x 1.5" (NTC12/15 unit)  
 10.6" x 9.6" x 7.1" (NTC12 case)  
 9.6" x 5.3" x 7.1" (NTC15 case)  
 Unit/Case Weight:  
 NTC6: 0.4/3.5 lbs  
 NTC12: 0.9/8.8 lbs  
 NTC15: 1.2/5.8 lbs

Case Qty:  
 10 (NTC6/12), 5(NTC15)  
 UPC:  
 811245030413 (NTC6 case only)  
 811245031335 (NTC12 unit)  
 811245031342 (NTC12 case)  
 811245030468 (NTC15 unit)  
 811245030475 (NTC15 case)

**NTR14**  
Internal & External Reamer



**Fast, Easy and Clean**

**1-year warranty**

- Multi-blade alloy steel internal surface
- Easy to clean internal and external tubing surfaces

- Slip-resistant aluminum body
- Light weight at 0.4 lbs
- Tube OD: 1/8"~1-1/2"

Case Qty: 10  
 UPC: 811245030482 (unit)  
 811245030499 (case)  
 Dimensions (WxDxH):  
 2.1" x 2.1" x 2.6" (unit)  
 11.2" x 2.3" x 5.7" (case)  
 Unit/Case Weight: 0.4/4.9 lbs

**NTD28**  
Tube Deburring Tool



**Convenient to Carry and Use**

**1-year warranty**

- Replaceable blades
- 2 spare blades included

- Easy to carry

Case Qty: 10 (case only)  
 UPC: 811245030512 (case)  
 Case Dimensions (WxDxH):  
 8.9" x 4.1" x 7.9"  
 Case Weight: 1.2 lbs

**NTK1**  
Tubing Tool Kit



**Your Favorite NAVAC Tubing Tools**

- Includes 5 of NTE7 tube expander, 5 of NTR14 internal/external reamer, 5 of NTC12 tube cutter, 4 of NTC6 tube cutter and MM014 display cartons (set of 2)

- Counter displayable
- Convenient showcase
- Easy to refill

Dimensions (WxDxH):  
 13" x 16" x 10.4"