Ultraprobe® 201 Grease Caddy

Analog Ultrasonic Lubrication Technology

Delta-3N Ltd.

The Only Name in Lubrication Technology

You know what the #1 cause of bearing failure is?

You know how to fix it?

Prevent over-lubrication with the Ultraprobe 201 Grease Caddy. This instrument is designed to help lube technicians know when to stop adding grease, you can guarantee over lubrication will be a thing of the past – along with downtime and incredible costs due to machine failure.

Know when to STOP lubricating…Today with the Ultraprobe® 201 Grease Caddy

- Hear when the grease is being applied
- Recognize when to stop greasing
- Prolong equipment life
- Prevent over lubrication
- Save on man-hours
- Save on operating costs
- Improve maintenance efficiencies

UE Systems' unique heterodyning and acoustic filtration system helps you isolate and clearly hear bearing sounds in most noisy plant environments. UE Systems' Ultraprobe 201 Grease Caddy is so sensitive you will hear when the grease enters the bearing and recognize when to stop applying lubrication.

Additional Useful Features:

- Easy to read LED's provide visual indication of ultrasound amplitude
- Use the LED bar graph as a guide to know when to stop applying grease.
- Built-in front-end lamp to illuminate dark areas
- Swivel Base adjusts to odd angles
- Heavy duty headphones for high noise environments

How the Ultraprobe® 201 Grease Caddy works

As lubrication levels fall, friction levels rise producing ultrasonic waves, which are very directional and localized. Easily attached to most standard grease guns, the Ultraprobe 201 Grease Caddy translates high frequency sounds down into the audible range where users will hear and recognize bearing sounds. The Ultraprobe 201 Grease Caddy focuses in on these sounds, even in the noisiest environments and helps users identify when to stop lubricating.

The Ultraprobe 201 Grease Caddy helps lubrication technicians recognize the correct amount of lubricant to apply to each individual bearing. When used properly, this product will dramatically reduce the problem of over lubrication and related bearing failure. Learn more about the advantages of ultrasonic lubrication with our Lubrication How To Guide.

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Technical Specifications

- Housing: Attaches directly to the grease gun, gives visual & audible indication for proper lubrication.
- Construction: Aluminum
- Dimensions: 5.25" x 2.65" x 1.25" (13.3 x 6.7 x 4.5 cm) (LWH)
- Operating Temperature (GCUPU): 32°F-140°F (0°- 60°C)
- Relative Humidity: 10-95% non-condensing at up to 86°F (30°C)
- Circuitry: SMD/Solid State heterodyne receiver
- Transducer: Piezoelectric (Acoustically isolated from Grease Gun)
- Frequency Response: Peak response: centered around 38 kHz
- Indicator: 10 Segment LED Bar Graph (red)
- Sensitivity Selection: 8 position precision attenuation
- Power: Rechargeable nickel metal hydride
- Power off: Time delay
- Low Battery Indicator: LED
- Headset: Weight: 2.5 Oz.
- Operating Temp. Range (Transducer): 14°F to 167°F (-10° to 75°C)
- Cable: 48" shielded.
  Deluxe noise isolating headset for hardhat use. Over 23 dB of noise attenuation. Meets or exceeds ANSI Specifications, & OSHA standards.
- Attachment: Universal: fits most commercially used cartridge grease guns.
- Weight: 16 oz (.45 kg)
- Warranty: 1 year parts/labor standard.

Accessories

DHC-2BT: BLUETOOTH HEADPHONES
Deluxe noise attenuating headphones – for hard hat use.
The DHC-2BT-TR Bluetooth transmitter must be ordered to pair with the

HTS-201: HOLSTER SET
Here's a convenient way to carry your Grease Caddy and take your measurements while applying grease. This rugged holster set is designed to protect the Grease Caddy while allowing easy access to all connections and controls.

UP201 CC: CARRYING CASE
Put this over your shoulder and go anywhere in your plant with ease. This specially designed carrying case holds all the components of the Grease Caddy including your grease gun

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