

ULTRAPROBE® 201 Grease Caddy

A Giant Leap Forward in Lubrication Technology!



The Ultraprobe® 201 Grease Caddy is uniquely designed to allow an individual operator to simultaneously lubricate and monitor ultrasound levels to prevent over-lubrication.

The Ultraprobe 201 Grease Caddy will:

- Prolong the life of your equipment
- Prevent over lubrication
- Save on man-hours
- Save on operating costs
- Improve maintenance efficiencies

Here's how it works:

As lubrication levels fall, friction levels



Listen while applying grease

rise, producing ultrasonic waves, which are very directional and localized. Easily attached to most standard grease guns, or worn in an optional belt holster, the Ultraprobe 201 Grease Caddy translates high frequency sounds 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 environment – and helps users identify when to stop lubricating.



Optional belt holster for easy use

Additional useful features:

- Easy to read LED's provide visual indication of ultrasound amplitude
- Built-in front-end lamp to illuminate dark areas
- Swivel base adjusts to odd angles
- Heavy duty headphones for high noise environments
- Magnetically mounted transducer for ease of operation
- Optional belt holster makes it even easier to carry

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The ultrasound approach

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The magnetic mount makes it easy to apply the sensor to most bearing housings.



The Ultraprobe 201 Grease Caddy SWIVELS left/right and up/down for difficult angles



ADDED FEATURE! Spotlight brightens up dark areas.



UE Systems Ultraprobe® 201 Grease Caddy is so sensitive, you will hear when the grease enters the bearings and therefore, recognize when to stop applying lubrication. With this one instrument, over lubrication and related bearing failure problems will be reduced dramatically.

One indicator to identify when to stop lubrication is to note an 8 dB drop of the sound level.



ULTRAPROBE® 201 Grease Caddy Specifications

Housing:	Attaches directly to the grease gun, gives visual and audible indication for proper lubrication
Construction:	Aluminum housing
Dimensions:	5.25" x 2.65" x 1.25" (LWH) (13.3 x 6.7 x 4.5 cm)
Operating Temperature:	32°F to 140°F (0°C to 60°C)
Relative Humidity:	10-95% non-condensing at up to 86°F (30° C)
Circuitry:	SMD/Solid State heterodyne receiver
Transducer:	Magnetically mounted piezoelectric transducer
Frequency Response:	Peak response: centered around 38 kHz
Indicator:	10 Segment LED Bar Graph (red) Bright white LED for illumination of test area
Sensitivity Selection:	8 position precision attenuation
Power:	Rechargeable nickel metal hydride
Power off:	Time delay after five (5) minutes
Low Battery Indicator:	LED
Headset:	Deluxe noise isolating headset for hard hat use Over 23 dB of noise attenuation Meets or exceeds ANSI Specifications and OSHA standards
Attachment:	Universal: fits most commercially used cartridge grease guns
Weight:	16 oz (.45 kg)
Warranty:	1-year parts/labor standard, 5 years with completed warranty registration card.

Covered by one or more of the following patents: 0151115; 0303776; 0315199; 1206586; 1297576; 1881263; 2562758; 2689339; 4416145; 4823600; 5955670; 6122966; 6339961; 6341518; 6415645; 6655214; 6707762; 6804992

UE Systems is committed to continual product improvement; therefore specifications are subject to change without notice. Warranty details are available by request.

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The *ultrasound* approach

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