

# ULTRAPROBE® 201

A big step forward in condition based lubrication!

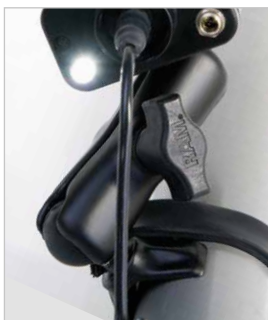
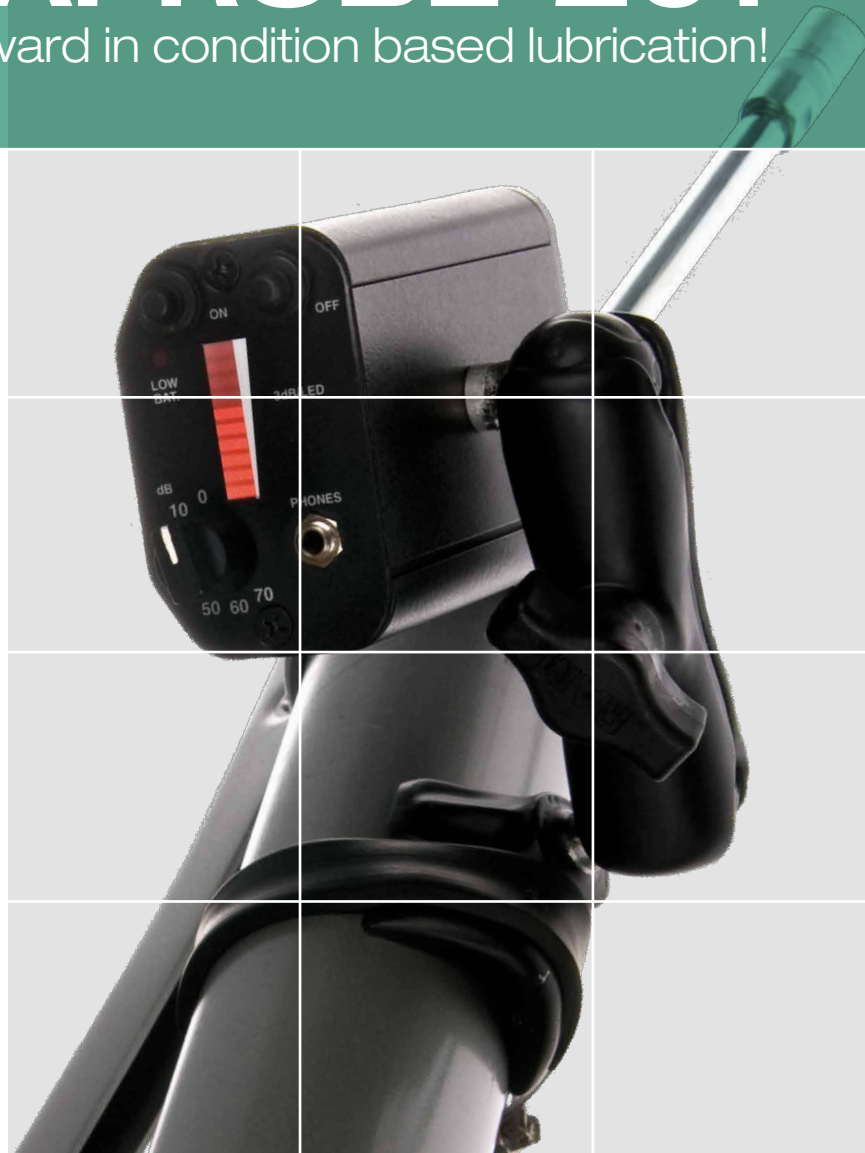
The Ultraprobe® 201 Grease Caddy is uniquely designed to allow an individual operator to simultaneously lubricate and monitor ultrasound levels to prevent over-lubrication.

#### The Ultraprobe® 201 Grease Caddy will:

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

#### Here's how it works:

As lubrication levels fall, friction levels 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.



Mounting kit included



LED display and sensitivity dial

#### Additional useful features:

- Easy to read LED's provide visual indication of ultra sound 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



Optional carry case



Built-in spotlight



Holster for UP 201



Headset for hardhat use

**Ultraprobe® 201 Grease Caddy Specifications**

<b>Housing</b>	Attaches directly to the grease gun, gives visual and audible indication for proper lubrication
<b>Construction</b>	Aluminum housing
<b>Dimensions</b>	13.3 x 6.7 x 4.5 cm (LWH) (5.25" x 2.65" x 1.25")
<b>Operating Temperature</b>	0 °C to 60 °C (32 °F to 140 °F)
<b>Relative Humidity</b>	10-95% non-condensing at up to 30 °C (86 °F)
<b>Circuitry</b>	SMD/Solid State heterodyne receiver
<b>Transducer</b>	Magnetically mounted piezoelectric transducer
<b>Frequency Response</b>	Peak response: centered around 38 kHz
<b>Indicator</b>	10 Segment LED Bar Graph (red) Bright white LED for illumination of test area
<b>Sensitivity Selection</b>	8 position precision attenuation
<b>Power</b>	Rechargeable nickel metal hydride
<b>Power off</b>	Time delay after five (5) minutes
<b>Low Battery indicator</b>	LED
<b>Headset</b>	Deluxe noise isolating headset for hard hat use Over 23 dB of noise attenuation Meets or exceeds ANSI Specifications and OSHA standards
<b>Attachment</b>	Universal: fits most commercially used cartridge grease guns
<b>Weight</b>	0.45 kg (16 oz)
<b>Warranty</b>	1-year parts/labor standard, 5 years with completed warranty registration card.

**Ultraprobe® 201 Grease Caddy**

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.





# DECLARATION OF CONFORMITY

**WE**

**UE SYSTEMS INCORPORATED  
14 HAYES STREET  
ELMSFORD NY 10523 USA**

**Declare that the following product conforms to the protection requirements listed below,**

**ULTRAPROBE 201 (ALL MODELS)**

**And relates to the following standards:**

Federal Communications Commission (FCC) Part 15, Class B

ICES-003, Industry Canada, Interference-Causing Equipment Standard, Digital Apparatus, Class B

EN55011, 1998, Limits and Methods of Measurement of Radio Disturbance Characteristics of Industrial, Scientific, and Medical (ISM) Radio-Frequency Equipment, Group 1, Class B

EN61000-6-1:2001, Electromagnetic Compatibility – Generic Immunity Standard, Part 1. Residential, Commercial and Light Industry

EN61000-4-2, Electrostatic Discharge

EN61000-4-3, Radiated electromagnetic Fields

EN61000-4-4, Electrical Fast Transient/Burst

ENV50204, Radiated Electromagnetic Field from Digital Radio Telephones

EN61000-4-6, Conducted Disturbances Induced By Radio-Frequency Fields

EN61000-4-8, Power Frequency Magnetic Field Immunity Test

**Issued:**

**01, May 2005**

**Elmsford NY 10523**

**Mark Goodman  
Vice President Engineering  
UE Systems, Inc.**

**ATTENTION!**

The attention of the specifier, purchaser, installer, or user is drawn to special measures and limitations to use which must be observed when the product is taken into service to maintain compliance with the above directives. Details of these special measures and limitations to use are available on request, and are also contained in the Installation and Maintenance Instructions.