

ULTRAWELD ULTRASHOT®

Provides Dramatic Labor Savings!

Harger's Ultraweld UltraShot exothermic welding system provides superior grounding connections that last the lifetime of the grounding system. A major benefit of the UltraShot process is that the installation time is 40% to 50% faster than the traditional exothermic welding process!



UltraShot® Welding Process Time Savers:

UltraShot Integrated Weld Metal Container saves time with mold preparation

- No separate disk to install
- No weld metal to pour into mold
- No starting powder to pour into mold and onto the mold cover

UltraShot Controller provides instantaneous reaction

- No flint igniter required

UltraShot Reaction produces less slag and results in a cleaner mold

- Significantly reduces time required to clean mold after connection is complete
- Produces cleaner welds



UltraShot® Provides Real Labor Savings (\$):

Time studies reveal DRAMATIC TIME SAVINGS:

- Experienced Users: 40% time savings
- Novice Users: 50% time savings

Labor Rate (\$/hr)	Savings (\$) at 40% (\$/hr)	Savings (\$) at 50%
\$20	\$8	\$10
\$45	\$18	\$22.50
\$60	\$24	\$30



Remote Exothermic Welding Systems Comparison

Harger® UltraShot®

UltraShot® DRONE

Energy Source

- Milwaukee® M18™ REDLITHIUM™ XC 4.0 18 volt battery
- Battery Life Indicator

Battery Life

18 Volt Rechargeable Battery

- **1,300 shots on a single charge**
- 1,300 shots/charge x 2000 charges = **2,600,000 shots**

Safety Features

- 2 button instant ignition
- No delays
- 6' lead provides added distance from reaction



CADWELD® PLUS

Plus Controller

Energy Source

- Eight - AA Alkaline Batteries
 - Disposable
 - Rechargeable

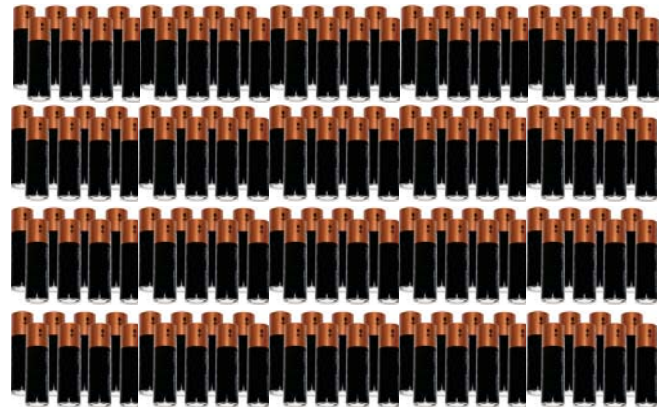
Battery Life

Disposable Batteries

- Maximum 40 Shots / Eight AA
- **Consumption Cost = \$0.50 / shot**

Rechargeable Batteries

- 40 shots/charge x 150 charges = **6,000 shots**



Approximate price per 4 pack generic brand battery - \$10.00.

Using the UltraShot® Controller **SAVES:**
\$1,300,000 on AA batteries or \$10,825 in rechargeable batteries!

Harger Lightning & Grounding
 301 Ziegler Drive Grayslake, IL 60030
 p 847.548.8700 • 800.842.7437 • f 847.548.8755
 www.harger.com • hargersales@harger.com

