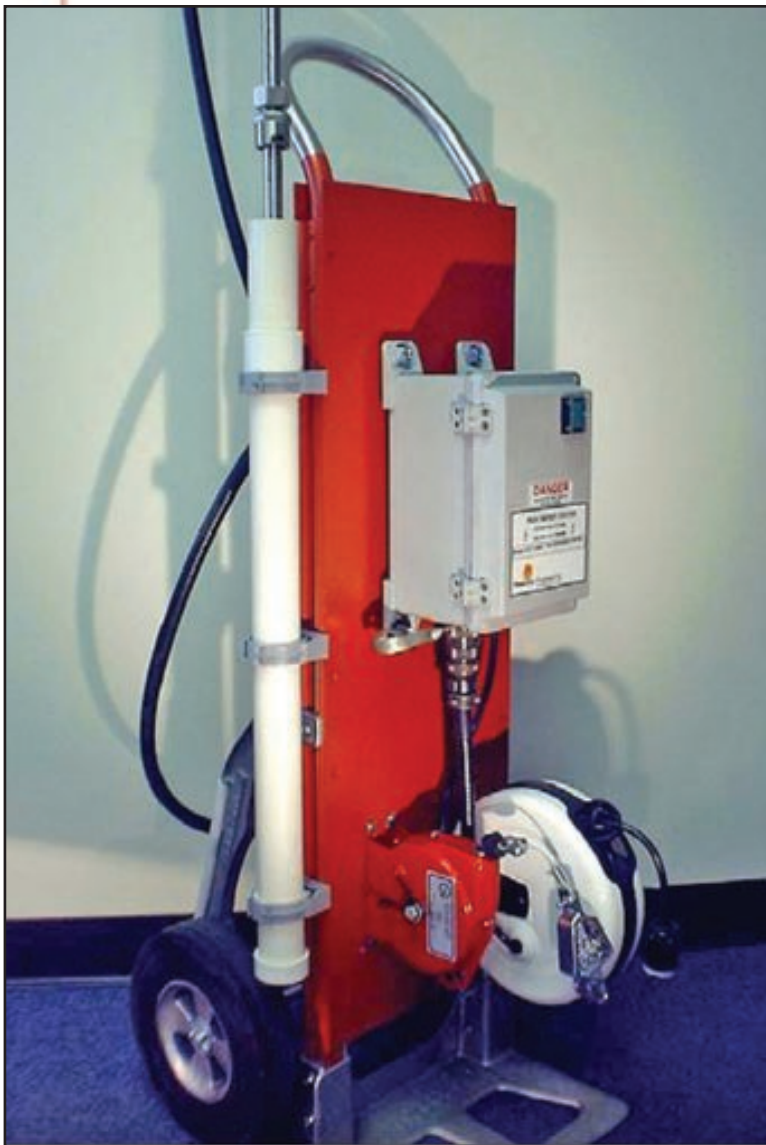


Transportable High Energy Ignition System



Chentronics



The High-Energy Ignition system is comprised of:

EXCITER:

P/N 07070112S1X (Momentary Switch)

ROD BASE SECTION:

P/N 02000003

HARNESS:

P/N EM03000101

IGNITER TIP:

P/N 02970012

PORTABLE CART:

P/N 12000022

The portable cart assembly is for easy transportation of the High Energy Ignition System

* Images for reference only, actual components may vary in appearance.

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Portable Cart Assembly
LIT002 Rev. A 11/13/06
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Features & Benefits

STAIR CLIMBING

The cart is configured with semi-pneumatic tires and stairwell glides.

RETRACTING INPUT POWER CORD

The unit is designed with a cord-locking ratchet that will hold the cord at any length, and releases easily for take up.

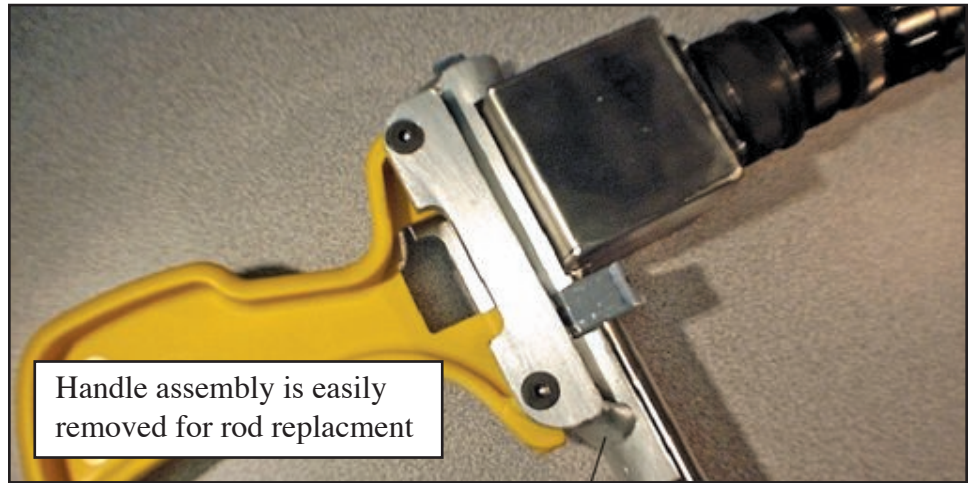
The case is light-gauge steel with an epoxy finish. Reel diameter is 9¹/₄". The cord is 30 Feet of black SJEOOW 300 VAC Service Cord 16/3AWG, 0.34" OD with a cold temperature rating of -50C.

GROUNDING REEL

The grounding reel has 3/32" diameter cable. A locking mechanism holds the cable at any desired length and releases instantly with a light tug. A spring return automatically retrieves the cable; an adjustable ball stop keeps the cable end within reach.

STORAGE SHEATH

The assembly comes configured to allow the igniter and base rod assembly to be held in place for easy transportation. The Exciter Input cord is also easily wound around an arm assembly for easy transportation.



Handle assembly is easily removed for rod replacement

ROD HANDLE

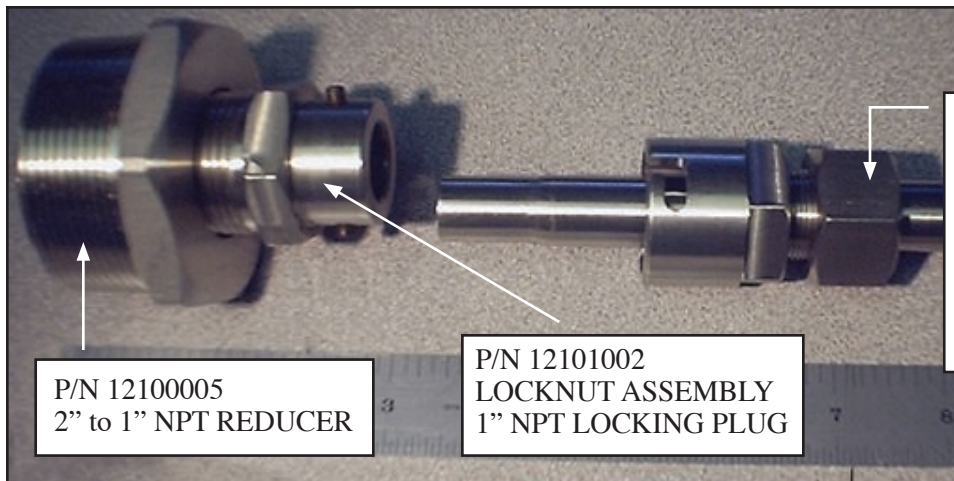
The rod connector includes a removable non-metallic handle grip.

INCREASED SAFETY

The flexible harness connecting the exciter to the rod has PVC insulation AND the discharge path is isolated from frame. In addition, the harness includes an internal braided shield. This approach minimizes current flow through the input ground reference.

TWIST TO LOCK

A simple locking mechanism allows the operator to insert the rod vertically and twist to lock into position. The operator can then return to the cart to press the momentary ON/OFF switch to operate the exciter. The locking mechanism is easily adapted to different port sizes and allows adjustment of rod insertion depth.



P/N 12100005
2" to 1" NPT REDUCER

P/N 12101002
LOCKNUT ASSEMBLY
1" NPT LOCKING PLUG

P/N 12100015
TWIST -TO-LOCK FITTING

The rod passes through the "Twist To Lock" compression fitting. The compression fitting allows adjustment of rod insertion length.