

# Portable Igniters BROCHURE

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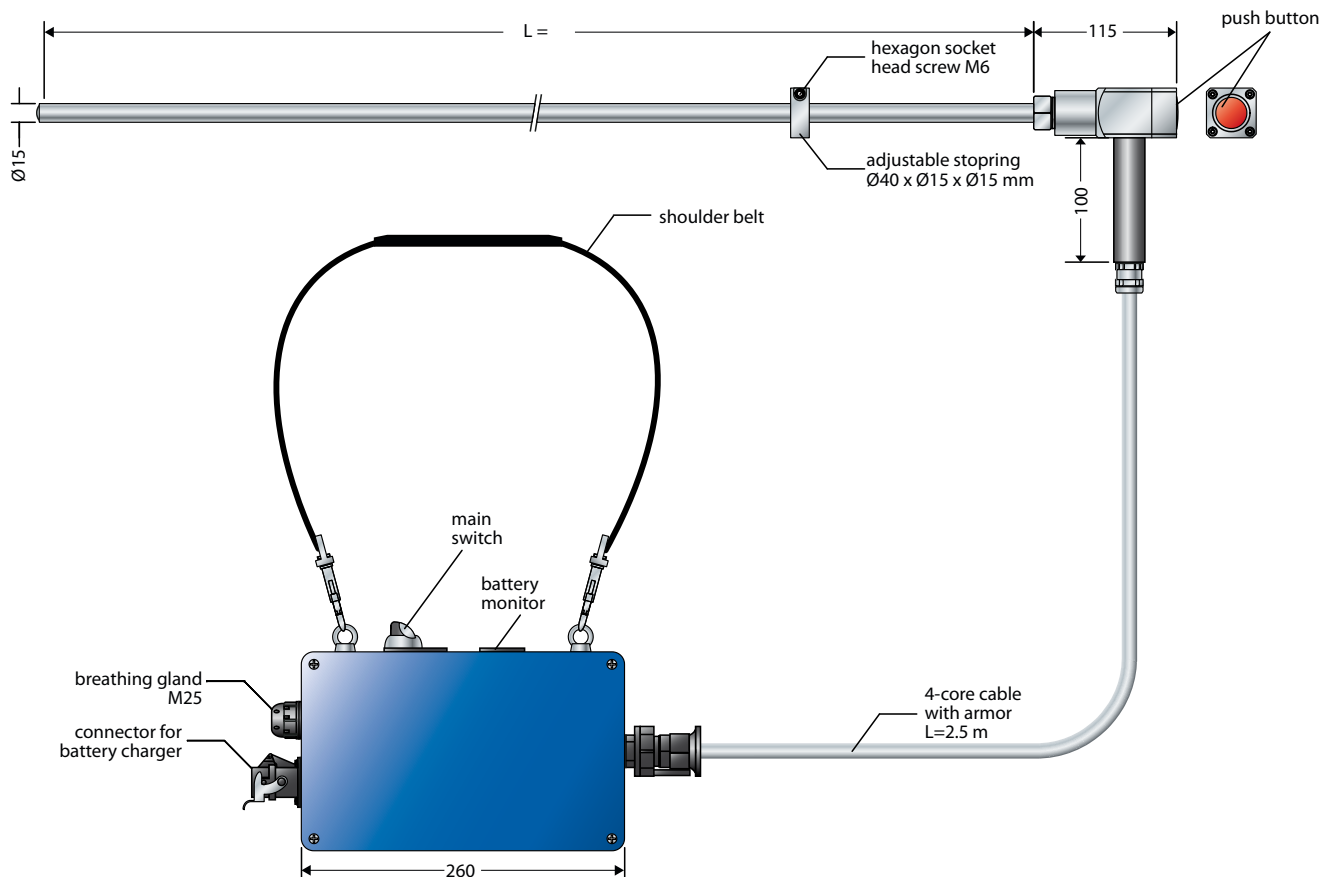
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## Portable Ignition Units

Lightweight, battery operated  
ignition unit



### Schematic



Portable Ignition Units	
type	SPI
ignition type	high energy
spark frequency	3 Hz
battery type	reloadable 12 V
battery capacity	3.2 AH (suitable for 3 hours of continuous operation)
protection class	IP65
housing material	aluminum
total weight (L=1000 mm)	6 kg
battery charger power supply	220–240 VAC
power consumption	17 W
loading time	300 min

## Semi Portable Ignition Unit

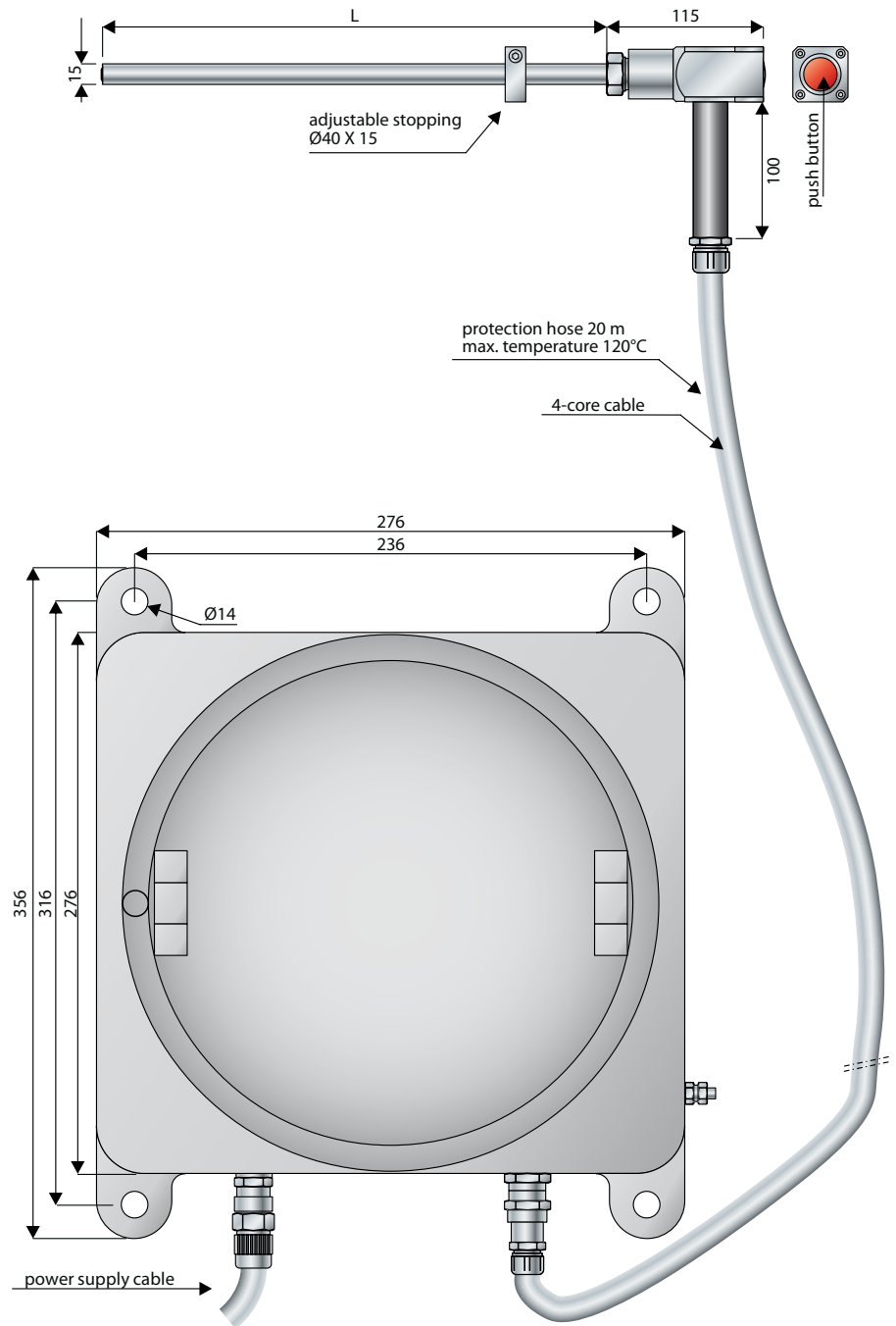
**Explosion proof ignition unit with ignition lance to ignite main burner in furnaces or boilers. Ignition can be controlled by a remote switch**

### Features

- Explosion proof ignition unit
- High energy ignition
- Operation controlled by remote switch
- Easy to handle

### Application

- Direct spark ignition for industrial burners in absence of fixed igniters



**Semi Portable Ignition Unit**

<b>ignition</b>	high Energy
<b>spark energy</b>	2 J
<b>spark voltage</b>	2 kV
<b>spark frequency</b>	2 Hz
<b>power supply</b>	220–240 VAC 50–60 Hz, option 24 VAC or 115 VAC
<b>power consumption</b>	37 VA
<b>protection class</b>	IP66
<b>explosion proof</b>	ATEX II 2G Ex d IIC T6
<b>housing material</b>	aluminum
<b>lance material</b>	316 SST
<b>handgrip material</b>	aluminum
<b>lance diameter</b>	15 mm
<b>lance length L</b>	500–2000 mm, in steps of 100 mm
<b>option</b>	bent lance

## Mobile Ignition Units

Ignition of main burners at places where a fixed pilot burner or igniter is not available and a spark is insufficient to ignite the main burner

### Features

- High energy ignition unit
- Insensitive to moisture and dirt
- Self-aspirating SST igniter
- Available for different gases and pressures

### Application

- Furnaces
- Boilers
- Ground flares



2-wheeled trolley



4-wheeled trolley

Mobile Ignition Units	
2-wheeled trolley	4-wheeled trolley
consisting of:	consisting of:
self-aspirating igniter type 7 diameter: 38 mm length: 1000 mm (other lengths possible) capacity: 20 kW gas: propane igniter materials: 316 and 321 SST	self-aspirating igniter type 51 diameter: 48 and 51 mm length: 1000 mm (other lengths possible) capacity: 180–350 kW gas: propane igniter materials: 310 and 316 SST
explosion proof (ATEX 3G IIB) high energy ignition unit	explosion proof (ATEX 2G IIC) high energy ignition unit
explosion proof switch	explosion proof switch
explosion proof solenoid valve	explosion proof solenoid valve
pressure reducer with downstream pressure gauge	pressure reducer with downstream pressure gauge
2 reels, including all cabling and gas hose	2 reels, including all cabling and gas hose
11 m gas hose and ignition cable	11 m gas hose and ignition cable
25 m power supply cable	25 m for power supply cable
suitable for 24, 120 or 230 VAC	suitable for 24, 120 or 230 VAC
IP 66 enclosure for instruments	IP 66 enclosure for instruments
not included: gas bottles	not included: gas bottles
options: - igniter diameter 25 mm (not for natural gas) - ionisation flame detection - LPG, butane, natural gas or refinery gas	options: - wall mounted version with longer cable lengths - ionisation flame detection - LPG, butane, natural gas or refinery gas

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