

**SOLAR POWERED OPEN FLARE - SPO**

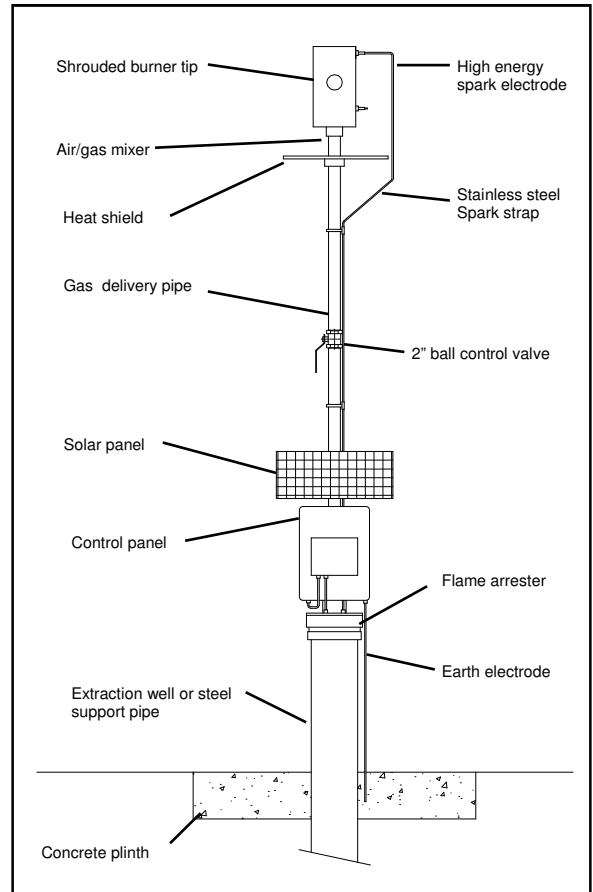
The **UF-SPO™ SPO** is a solar powered open type landfill gas flare for use on landfill gas vents, wells or leachate chambers where dangerous methane gas needs to be safely controlled.

Landfill gas enters the flare under its own ambient pressure so that there is no need for additional blowers or external power supply.

The air/gas mixture can be manually altered to suit the composition of the gas and to provide the optimal burning condition.

The solar panel provides a trickle charge to the battery which provides the continuous high energy spark for ignition. A multi-function timer can be programmed to provide symmetrical or asymmetrical cycles to suit individual site conditions .

Ideally suited for pumping trials or permanent landfill gas control the **UF-SPO™ SPO** provides a low cost, affective, low maintenance option for the landfill operator.



**SPECIFICATION**

<b>Nominal LFG flow:</b>	<b>4-5 Nm3/hr</b>
<b>Typical methane range:</b>	<b>20-55%</b>
<b>Temperature range:</b>	<b>475-700 °C</b>
<b>Minimum gas pressure:</b>	<b>1.25mbar</b>

- ◆ **Solar powered ignition system**
- ◆ **No mains power required**
- ◆ **Simple to install & operate**
- ◆ **Very low maintenance**
- ◆ **Flame arrester safety as standard**
- ◆ **Robust construction**