Protect your car wrecking yard with SGR

SGR is the safest, most efficient and economically sustainable system for emptying and securing LPG and CNG tanks.

SECURING LPG AND CNG TANKS

SGR

LPG and methane tank cleaning equipment

Protection
FROM ACCIDENTAL EXPLOSION AND FIREC

Versatile
LPG RECOVERY AND METHANE EMPTYING

Maximum safety
SAFE TANK EMPTYING

- Liquid LPG recovery for reuse
- Abatement of cold burns and toxic vapours
- In compliance with UE Directives
- In compliance with UE Directives
- Compact and versatile
- Cost-effective
- ATEX certified

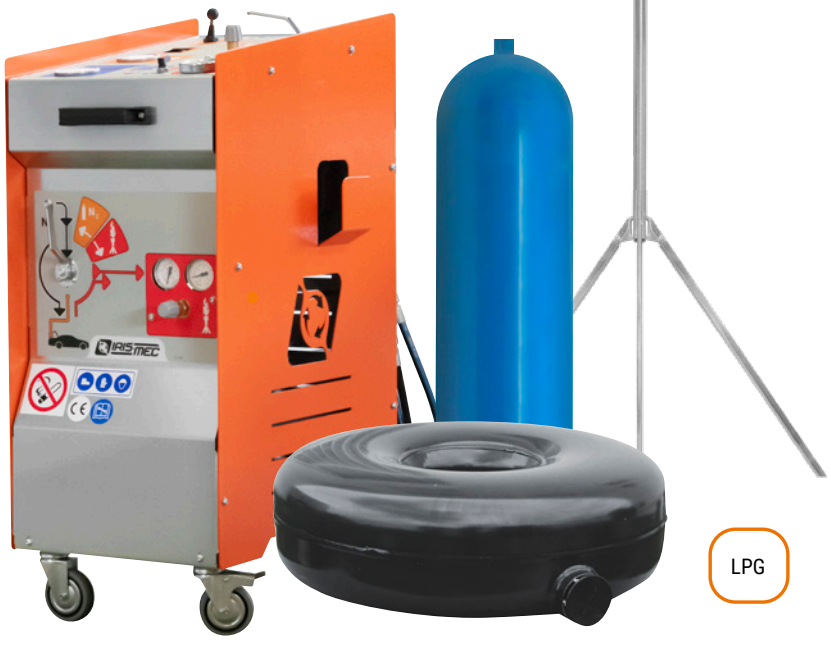
VIDEO

- Removal of compressed gas tanks from vehicles
- Extraction and combustion of gases contained in the tanks
- Final depollution of tanks with inert fluids (nitrogen)
- Safe storage of depolluted tanks

MAX SAFETY

CE ATEX IIG3 IIA T3 certification

Methane



LPG

Attrezzatura esclusa dal campo di applicazione del D.lgs. 152 / 06 (allegato IV - parte V) e D.P.R. 151/2011, in quanto non configurabile come impianto soggetto a autorizzazioni per le emissioni in atmosfera o ai controlli di prevenzione incendi.

Iris-Mec srl - Via Grande 25, 42028 Poviglio (RE) - Italy +39 0522 481047 commerciale@iris-mec.it www.iris-mec.com

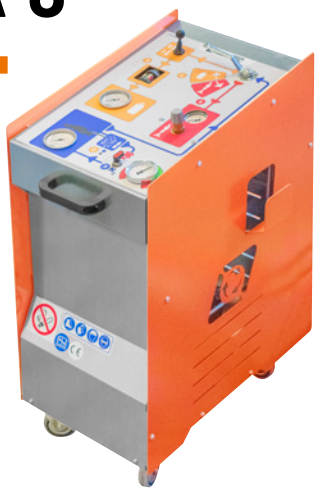
SGR

LPG

Methane

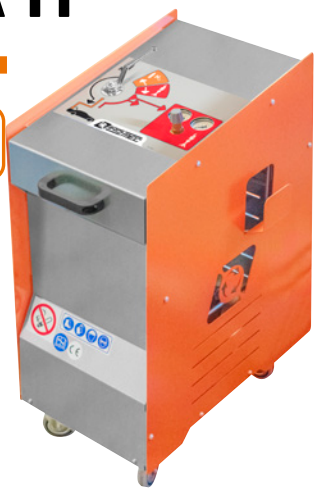
SGR G

LPG



SGR M

Methane



INCLUDED ✓

Burner

OPTIONAL ●

BRG - 435001: Cylinder with valve - capacity 35 L

GNA - 128085000: Nitrogen generator with tank

			SGR 128082500	SGR G 128082700	SGR M 128082600	
			LPG, Methane	LPG	Methane	
	Compressed air requirement	max	400	400	-	NL / min
	Compressed air inlet pressure		7 ÷ 12	7 ÷ 12	-	bar
	Pressure in LPG circuit	max	15,5	15,5	-	bar
	Pressure in methane circuit	max	200	-	200	bar
	Flow rate of LPG transferring*	max	7	7	-	L/min
	Burner's heat output		90	90	90	kW
	Emptying full tank (40 L) LPG, methane		90	90	90	min
	Emptying LPG tank (reserve)		20 / 25	20 / 25	-	min
	Emptying methane tank(reserve)		10 / 15	-	10 / 15	min
	Pumps	N°	1	1	-	
	Tube length - connection to cylinder		4	4	4	m
	Tube length - connection to burner		6	6	6	m
	'A' Weighted sound pressure level (LPA)		< 50	< 50	< 50	dB(A)

*Limited by multi-valve of the car

Iris-Mec srl - Via Grande 25, 42028 Poviglio (RE) - Italy +39 0522 481047 commerciale@iris-mec.it www.iris-mec.com

01/2025