

SPIRFLAME® models

model	105HP	205HP	250HP	250HPNA2S3D1
Maximum permanent gas rate	100 Ltr/hour	200 Ltr/hour	250 Ltr/hour	250 Ltr/hour
Gas pressure range	40-170 mBar 0.4-1.5 psi	40-170 mBar 0.4-1.5 psi	40-170 mBar 0.4-1.5 psi	40-170 mBar 0.4-1.5 psi
AC power supply	115 V / 230 V	115 V / 230 V	115 V / 230 V	230 V
Energy consumption at max. gas rate	450 watt (VA)	700 watt (VA)	1000 watt (VA)	1000 watt (VA)
Water consumption at max. gas rate	50 gram/hour	100 gram/hour	120 gram/hour	120 gram/hour (auto-refill)
Methanol consumption at max. gas rate	5 gram/hour	10 gram/hour	12 gram/hour	12 g gram/hour
Electrolysis cells	11	22	23	23
Dimensions	550x350x370mm	550x350x370mm	550x350x370mm	550x350x370mm
Weight (net/gross)	45 /61 kg	52 /70 kg	52 /70 kg	52 /70 kg
Features				NA2: auto-refill of DI water S3: SPR-pressure control version D1: reporting minimum needed gas pressure level for ignition
Kit contains (Special accessories on request)	Spirflame® 105HP 1 Twin-Booster DB-... 1 Gas filter, lab version 1 Hand torch with valve 4 meters gas hose 1 Assort. of 12 nozzles 1 Torch stand 1 Power cord 5 Liters of electrolytic (corrosive fluid!) 1 Liter Methanol (flammable fluid!) 1 Owner's manual and various small parts	Spirflame® 205HP 1 Twin-Booster DB-... 1 Gas filter, lab version 1 Hand torch with valve 8 meters gas hose 1 Assort. of 36 nozzles 1 Torch stand 1 Power cord 5 Liters of electrolytic (corrosive fluid!) 1 Liter Methanol (flammable fluid!) 1 Owner's manual and various small parts	Spirflame® 250HP 1 Twin-Booster DB-... 1 Gas filter, lab version 1 Hand torch with valve 8 meters gas hose 1 Assort. of 36 nozzles 1 Torch stand 1 Power cord 5 Liters of electrolytic (corrosive fluid!) 1 Liter Methanol (flammable fluid!) 1 Owner's manual and various small parts	Spirflame® 250HPNA2... 1 Quad-Booster DB-40.. with MIN & MAX level switch 1 Gas filter, lab version 1 Hand torch with valve 8 meters gas hose 1 Assort. of 36 nozzles 1 Torch stand 1 Power cord 6 Liters of electrolytic (corrosive fluid!) 4 Liters Methanol (flammable fluid!) 1 Owner's manual and various small parts
Design improvements reserved without notice				

Shown is a tiny spirflame®, all heat front out, no side heat radiation. No flame size and intensity variations. Maximal flame sizes available depend on models and can reach 200 mm length. Nozzles stay cold.



Quad-Booster (MIN & MAX level switch)



Twin-Booster



Spirflame®

all models same shape, same look, different weight.



gas filter, lab type



1 set of nozzles



Torch stand and torch with manual flame adjust valve (Flame igniter not included)



Electrolytic fluid and Methanol based booster fluid

SPIRIG
SWITZERLAND

Dipl.Ing. Ernest Spirig
CH-8640 Rapperswil Switzerland
Tf: (+41) 55 222 6900 Tx: (+41) 55 222 6969
e-mail: info@spirig.com <http://www.spirig.com>

SPIRIG, since 25 years
manufacture of the worldwide patented
Spirig Multicell-electrolyser technologies.