



WE CHAT



WHAT'S UP

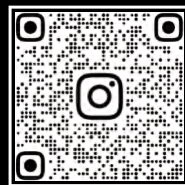
Spark Fabrica



• *PROFESIONAL* • *SPECIAL* • *EXCEPTIONAL*



CATALOG DOWNLOAD



INSTAGRAM

CHANGSHA SPARK TECHNOLOGY ELECTRONICS CO., LTD

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PRODUCT BROCHURE

CHANGSHA SPARK TECHNOLOGY ELECTRONICS CO., LTD



2024 COMPANY PROFILE

Changsha spark technology electronics co., ltd is a stage equipment enterprise gathers r&d, production, sales and service. The company mainly produces a variety of high-end stage effects products, such as spark jet, spark rain, flame machine, and so on.

The company has a professional r&d team. Its products have a number of quality certification, domestic and international patents. Spark fabrica has established global marketing network which takes europe and usa as its center.

The company vision is “become the world's most professional enterprise in the field of stage effects.”, and it is committed to researching and producing world-class special effects equipment so as to be international technology and product solution specialist.

The r&d of its featured product (spark machine) gathers various subjects, such as mechanical, electronic, intelligent control, etc. Focus on fund a mentally changing traditional cold fireworks setting off concept and traditional gunpowder concept. The products has 7 features of no gunpowder, no pollution, control digitization, low consumption and cyclic utilization, easy operation, low installation cost and transportation safety. Spark machine can be widely used indoor and outdoor various types of celebration, performance and entertainment to completely solve traditional fireworks problem about safety, environmental, applied range, etc.

SF-Z5 ADVANTAGE

- ✓ 3-5 METER EFFECT
- ✓ 180° SHOOT ANGLE
- ✓ 72 PRESET FIRING
- ✓ SEQUENCE
- ✓ FAST RESPONSE
- ✓ STAINLESS STEEL CASE

CE RoHS



FLYSPARK

This product is a special effects device for the dynamic and static simulation of cold pyrotechnics. Using CST technology, the tailor-made metal powder is heated to produce a dynamic and static fountain of silver sparks, which is safer than traditional cold fireworks. With 72 kinds of static and dynamic effects adjustable, it brings more cool combination of visual effects to your stage.



TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

POWER CONSUMPTION:700W

EFFECT HEIGHT: 3-5METER

HOPPER CAPACITY: 170GRAM

RECOMMENDED GRANULE SIZE: LARGE

DMX: 3PIN

SCREEN:TFT COLOR SCREEN

CONTROL: DMX512/CT-05 CONSOLE

MACHINE SIZE: 400X295X270MM NW:18KG

1 UNIT CARTON SIZE:452X350X306MM GW:20KG

2 UNIT FLIGHT CASE SIZE:784X473X508MM GW :58KG

CARTIFICATE:CE,ROHS

M3 ADVANTAGE

- ✓ BUILT -IN BATTERYFAST CHARGING
- ✓ TFT COLOR SCREEN
- ✓ FAST RESPONSE
- ✓ REMOTE CONTROL
- ✓ 1.5 HOURS FIRING TIME
- ✓ WIRELESS DMX 512MORE SAFE
- ✓ MORE RELIABLE
- ✓ LESS FALLOUT

CE RoHS



MOTO SPARK M3

Moto Spark M3 is the first intrgrated complete wireless spark machine invented by Spark Fabrica
Moto Spark M3 can be used in several ways:

- Create triple spark effect output easily by set M3 in different angle; ●NO NEED TRIPLE SPARK MACHINE ANYMORE
- Create spin effect by put M3 in normal spin platform; ●NO NEED SPIN SPARK MACHINE ANYMORE
- Use wired power and DMX cable as normal spark machine

WIRELESS
BATTERY
BUILT IN



TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

INPUT VOLTAGE:32V

POWER CONSUMPTION:450W

DMX: 3PIN

MACHINE SIZE:220X240X285MM

CARTON SIZE:290X290X380M

NW:12KG

CHARGING TIME: 1.5HOUR

BATTERY WORKING TIME: 1.5HOUR

STANDBY TIME: 24HOUR

EFFECT HEIGHT:2-5 METER

HOPPER CAPACITY:150GRAM

M5 ADVANTAGE

- ✓ NO CABLE
- ✓ JUST PURE POWER
- ✓ SUPER LONG BATTERY WORKING TIME
- ✓ THE FIRST REVOLUTIONARY
- ✓ BATTERY BUILT-IN
- ✓ COLD SPARK MACHINE

CE RoHS



MOTO SPARK M5

MOTO SPARK is a registered trade mark of Spark Fabrica who is co-inventor of Sparkular. The model M5 is the latest product developed by Spark Fabrica. It is the first model of built-in battery spark machine. It adopts the latest technology which makes the machine more stable and better performance.



TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V, 50/60HZ

INPUT VOLTAGE: 32V

POWER CONSUMPTION: 450W

MACHINE SIZE: 310X285X275MM

CARTON SIZE: 360X340X375MM

NW: 14KG GW: 16KG

DMX: 3PIN&5PIN

CHARGING TIME: 2HOUR

BATTERY WORKING TIME: 2.5HOUR

STANDBY TIME: 24HOUR

EFFECT HEIGHT: 2-5 METER

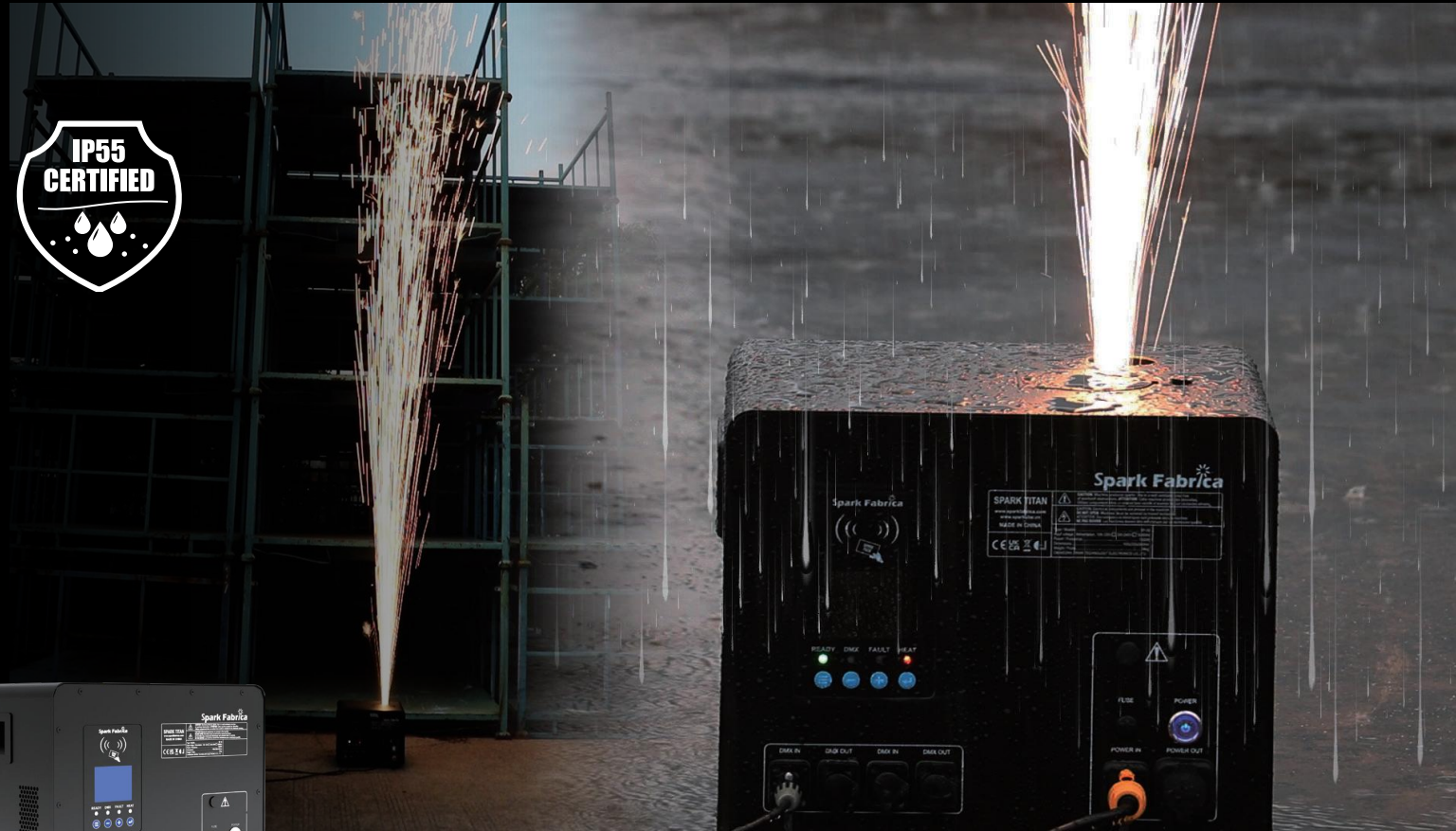
HOPPER CAPACITY: 150GRAM

SF-X8 ADVANTAGE



- ✓ IP55
- ✓ STAINLESS STEEL CASING
- ✓ NO HEATING FAILURE
- ✓ EXCELLENT EFFECT

CE RoHS



SPARK TITAN

10 metre waterproof sparking machine - Maximum sparking height is 8 metres and IP55 protection. The machines can be used in high humidity and dusty environments, and direct water injection in any direction has no harmful effect.

TECHNICAL PARAMETERS

IP RATE: IP55	DMX: 3PIN& 5PIN
VOLTAGE: AC 100-240V , 50/60HZ	CONTROL: DMX512/CT-05 CONSOLE
POWER CONSUMPTION:1700W	MACHINE SIZE: 400X330X350MM NW:22KG
EFFECT HEIGHT: 3-8METER ADJUSTABLE	1 UNIT CARTON SIZE:540X470X450MM GW:28KG
HOPPER CAPACITY: 600GRAM	2 UNIT FLIGHT CASE SIZE:844X543X628MM GW :75KG
RECOMMENDED GRANULE SIZE: XX L	CERTIFICATE:CE , ROHS

SF-X2 ADVANTAGE

- ✓ 3-5 METER EFFECT
- ✓ NO MORE HEATING FAILURE
- ✓ FAST RESPONSE
- ✓ EXCELLENT EFFECT

CE RoHS



SPARK SPIN

Spark Spin adopts a reasonable double-head layout, and the body can rotate freely, which can produce a romantic spray that is similar to the light and elegant waltz.

TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

POWER CONSUMPTION: 1300W

EFFECT HEIGHT: 3-5METER

HOPPER CAPACITY: 150*2GRAM

RECOMMENDED GRANULE SIZE: LARGE

DMX: 3PIN

SCREEN:TFT COLOR SCREEN

CONTROL: REMOTE CONTROLLER/DMX512/CT-05 CONSOLE

MACHINE SIZE: 319X320X404MM NW:22KG

1 UNIT CARTON SIZE:436X431X480MM GW:25KG

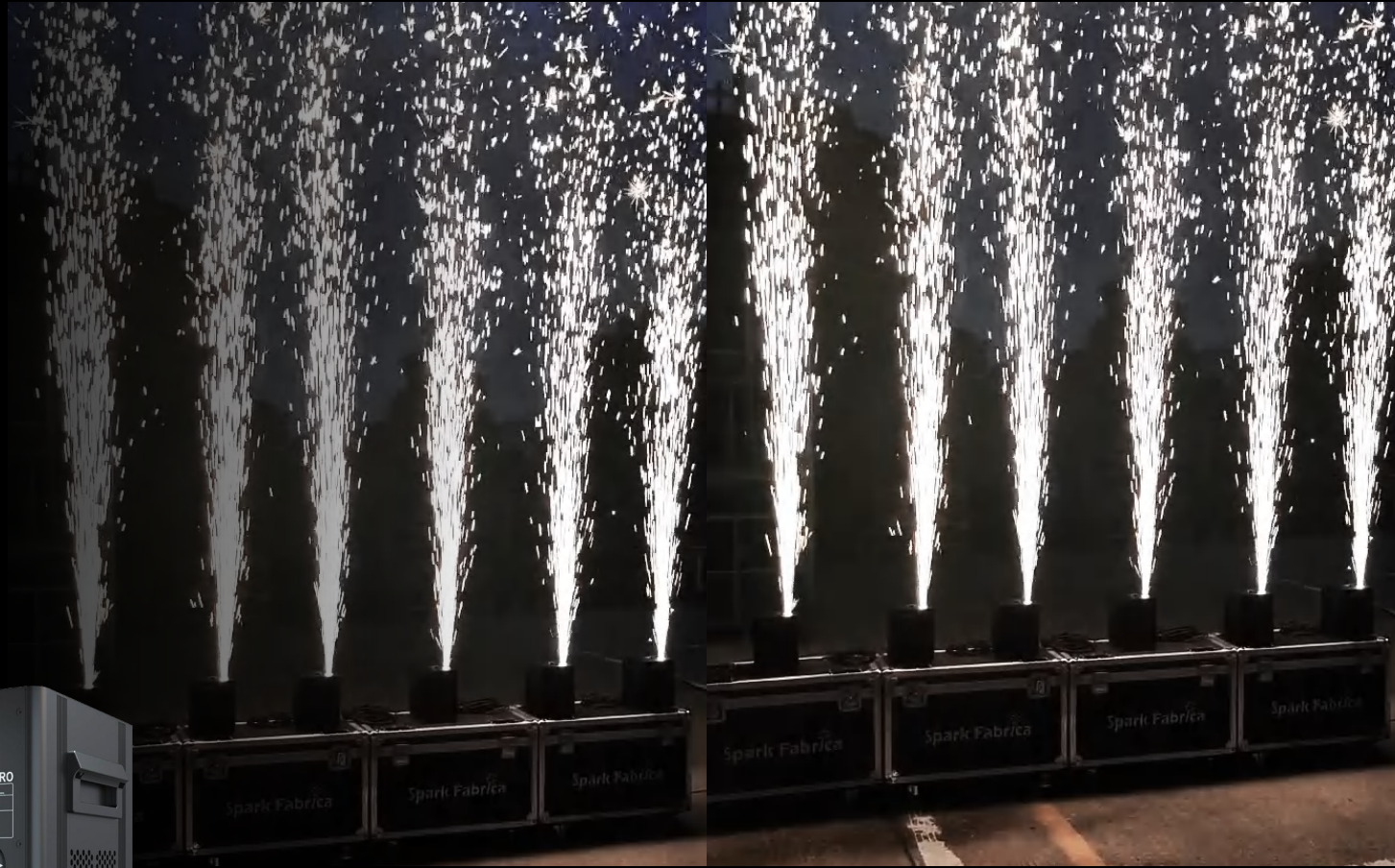
2 UNIT FLIGHT CASE SIZE:844X543X628MM GW:68KG

CERTIFICATE:CE, ROHS

SF-05 ADVANTAGE

- ✓ **FAST EFFECT**
- ✓ **NO HEATING FAILUE**
- ✓ **NO FALL OUT**
- ✓ **STABLE**
- ✓ **ALUMINIUM CASE**

CE RoHS



SPARK JET PRO

Spark Jet Pro- Upgraded spark machine with qualified TFT colorful screen, bottom mounting screw and SEETRONIC plug. High quality affords guarantee, rich sparks and low noise. The machines are widely applicable to various occasions, such as bar, party, wedding, celebration, stage performance, concert, sports event.

TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ	CONTROL: REMOTE CONTROLLER/DMX512/CT-05 CONSOLE
POWER CONSUMPTION: 500W	MACHINE SIZE:210X220X260MM NW:6KG
EFFECT HEIGHT: 3-5METER ADJUSTABLE	SINGLE UNIT CARTON SIZE: 260X240X320MM GW:7KG
HOPPER CAPACITY: 150GRAM	4 UNIT CARTON SIZE: 550X510X340MM GW:33KG
RECOMMENDED GRANULE SIZE: M,L	FLIGHT CASE SIZE:690X500X450MM GW:44KG
DMX: 3PIN	CERTIFICATE:CE, ROHS

SF-01 ADVANTAGE

- ✓ 3-8 METER RAIN EFFECT
- ✓ NO MORE HEATING FAILURE
- ✓ FAST RESPONSE
- ✓ ALUMINIUM CASE

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SPARK RAIN PRO

Spark Rain Pro- Upgraded spark rain machine can edit serious silver waterfall effect, and its suspended mounting style can be used more practically. High quality affords guarantee, rich sparks and low noise. The machines are widely applicable to various occasions, such as bar, party, wedding, celebration, stage performance, concert, sports event.

TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

CONTROL: REMOTE CONTROLLER/DMX512/CT-05 CONSOLE

POWER CONSUMPTION:500W

MACHINE SIZE: 210X220X340MM NW:7KG

EFFECT HEIGHT: 3-8METER ADJUSTABLE

SINGLE UNIT CARTON SIZE:285X255X320MM GW:8KG

HOPPER CAPACITY: 150GRAM

4 UNIT CARTON SIZE:550X510X340MM GW:33KG

RECOMMENDED GRANULE SIZE: L ,X L

FLIGHT CASE SIZE:690X500X450MM GW:48KG

DMX: 3PIN

CERTIFICATE:CE, ROHS

SF-X5 ADVANTAGE

- ✓ IP55
- ✓ NO HEATING FAILURE
- ✓ NO FALL OUT
- ✓ RELIABLE

CE RoHS



SPARK TIDE

5 meters waterproof spark machine - The highest sparking height is 5 meters, and ingress protection rate is IP55. Direct injection of water in any direction has no harmful effects on machines which can be used in high humidity and dusty environment.

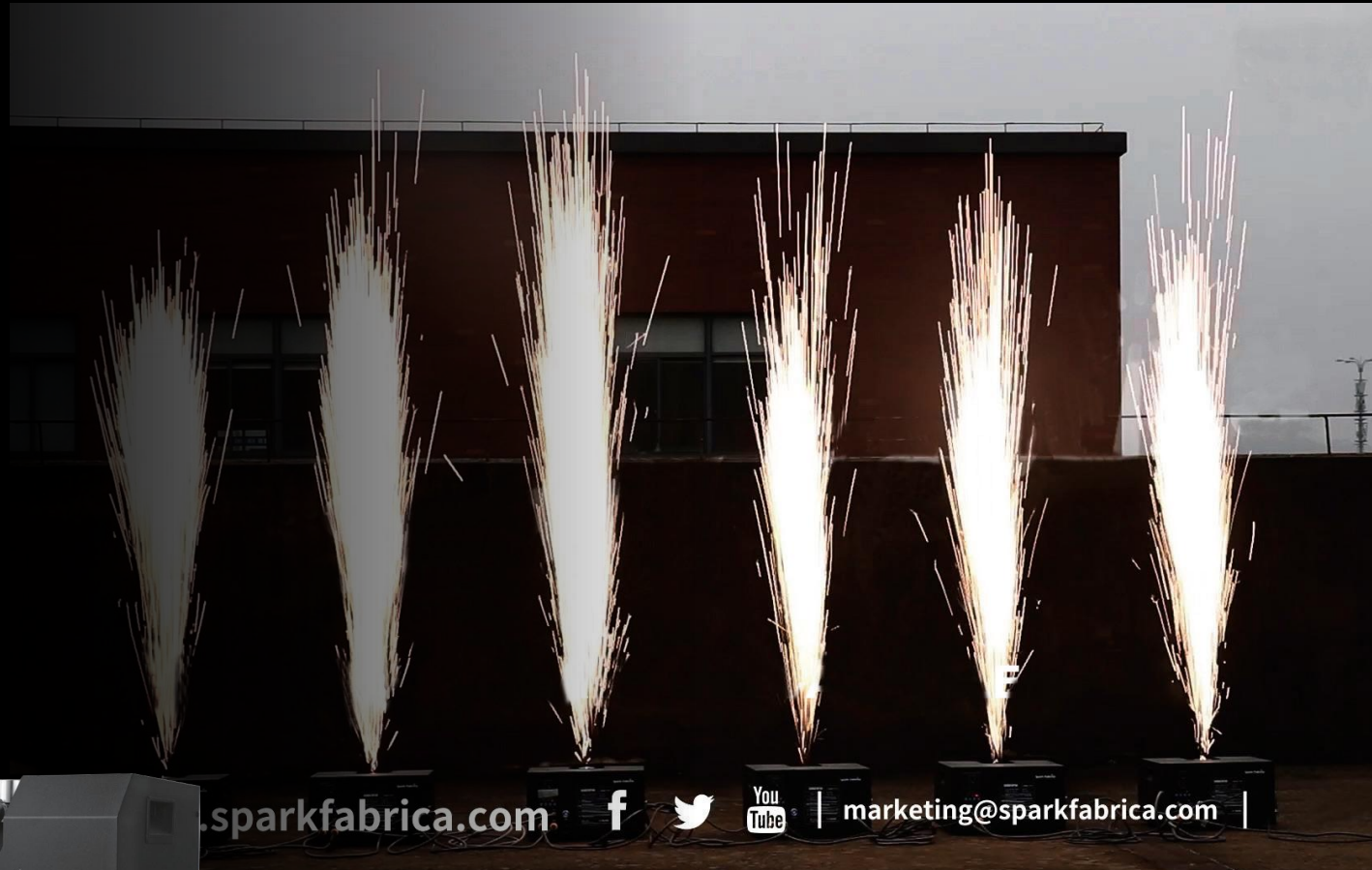
TECHNICAL PARAMETERS

IP RATE: IP55	POWER CONNECTOR: TRUE1
VOLTAGE: AC 100-240V,50/60HZ	DMX: 3PIN& 5PIN
POWER CONSUMPTION: 800W	CONTROL: DMX512/CT-05 CONSOLE
EFFECT HEIGHT: 3-5METER	MACHINE SIZE: 112X287X294MM NW:12KG
HOPPER CAPACITY: 300GRAM	SINGLE UNIT CARTON SIZE: 350X370X390MM GW:13KG
RECOMMENDED GRANULE SIZE: M,L	CERTIFICATE:CE, ROHS

SF-K2 ADVANTAGE

- ✓ **INSTANT ON**
- ✓ **NO CLOG**
- ✓ **REUSEABLE**
- ✓ **ADJUSTABLE ANGLE**
- ✓ **NO HEATING REQUIRED**

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KUNGFUPAO

KUNGFUPAO is a newly designed special effect spark machine, which can be started instantaneously without preheating, and can produce instant spark effect. The height of spark spray can reach 3m (no wind), and can be recycled. It is suitable for various performing arts activities, real scene performances, cultural travel projects and other scenes.

TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

POWER CONSUMPTION:10W

EFFECT HEIGHT: 3.5METER

FIRING DELAY:7SECONDS

MOVING ANGLE: 35°-90°MANUALLY

HOPPER CAPACITY: 70GRAM

RECOMMENDED GRANULE SIZE:MEDIUM

CONTROL: DMX512/CT-05 CONSOLE

MACHINE SIZE:410X340X235MM NW:18KG

1 UNIT CARON SIZE:450X390X270MM GW:21KG

2 UNIT FLIGHT CASE SIZE:800X500X385MM GW :54KG

CARTIFICATE:CE,ROHS

SF-90 PLUS ADVANTAGE

- ✓ **RAINPROOF**
- ✓ **10 METER FLAME**
- ✓ **DUAL IGNITION&PUMP**
- ✓ **FAST RESPONSE**

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I FLAMER PLUS

SF-90 I FLAMER PLUS is a new generation of straight up flamer driven by fluid which can reach 10 meters height (wind-free condition). The rainproof function ensures the flamer with most safety & reliability in various environment condition. SF-90 PLUS adopts inset high speed oil pump system, its response and shoots rapidly. Compact design makes the flamer easier to be set up and carried. Compared to traditional flamer, it uses isopar fuel which is safer and more convenient to use.

TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

POWER CONSUMPTION: 300W

EFFECT HEIGHT:5-10METER

OIL TANK: 10L

PUMP:DUAL PUMPS

CONTROL: DMX512/CT-05 CONSOLE

CONSUMBLE:ISOPAR

ANGLE: 90° STRAIGHT UP

DMX: 3PIN & 5PIN

MACHINE SIZE: 404X359X366MM NW:16KG

1 UNIT FLIGHT CASE SIZE:572X485X608MM GW:22KG

CERTIFICATE:CE, ROHS

SF-180 ADVANTAGE

- ✓ **210° SHOOT ANGLE**
- ✓ **10 METER FLAME**
- ✓ **89 PRESET FIRING SEQUENCE**
- ✓ **TWIN VALVE & PUMP**

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TORNADO FLAMER

SF-180 TORNADO FLAMER is a new generation of moving-head flamer, with adjustable angle from -105° to $+105^{\circ}$. Under unique design of double valve and pump system, its flame can reach 12 meters long. IP55 rate design on structure and connectors, which ensures the flamer with most safety & reliability in various environment condition. SF-180 Flamer adopts high speed & precise moving and control parts.



TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

POWER CONSUMPTION: 320W

EFFECT HEIGHT; UP TO 10 METER

OIL TANK: 10L

PUMP: DUAL PUMPS

CONSUMBLE: ISOPAR

ANGLE: 210°(DMX CONTROL)

DMX: 3PIN & 5PIN

CONTROL: DMX512/CT-05 CONSOLE

MACHINE SIZE: 630X363X373MM NW:32KG

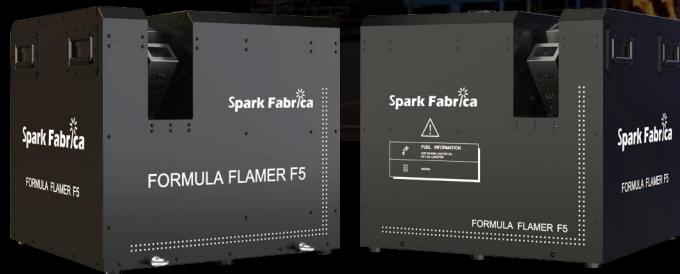
1 UNIT FLIGHT CASE SIZE: 852X423X615MM GW:50KG

CERTIFICATE: CE, ROHS

SF-F5 ADVANTAGE

- ✓ **POWERFUL OUTPUT FLAME**
- ✓ **5 OUTPUT NOZZLE**
- ✓ **INDEPENDENT CONTROL OF EACH NOZZLE**
- ✓ **FAST RESPONSE**
- ✓ **NO MORE MISS FIRE**
- ✓ **DUAL PUMP EACH NOZZLE**

CE RoHS



FORMULA FLAMER

The F5 is a newly designed special effects flamer, and the flames can be reached up to 8-10m in height (no wind). The device is equipped with double valves and pumps, and adopts waterproof structure design and connector, which greatly improves the safety and reliability of use and expands the application environment.



TECHNICAL PARAMETERS

VOLTAGE: AC 100-240V,50/60HZ

POWER CONSUMPTION: 2200W

FLAME HEIGHT: 8-10METER (NO WIND)

ANGLE RANGE: 80° (-40°-20° 0°+20°+40°)

FUEL TYPE: ISOPAR

FUEL TANK CAPACITY: 34L

NOZZLE: 5 OUTPUT NOZZLES

INDEPENDENT CONTROL OF SINGLE NOZZLE: YES

DMX: 3PIN & 5 PIN

MACHINE SIZE:612X543X604MM NW:86KG

1 UNIT FLIGHT CASE SIZE:724X664X792MM GW:111KG

CERTIFICATE:CE, ROHS

CT-05 ADVANTAGE

- ✓ SMART CONSOLE
- ✓ TOUCH SCREEN
- ✓ BI-DIRECTIONAL COMMUNICATION
- ✓ 60 UNTIS CONTROLLABLE
- ✓ SUPPORT LOCAL NETWORK SETTING UP
- ✓ 3PIN&5PIN DMX INPUT/OUTPUT
- ✓ PROGRAMMABLE

CE RoHS



SF-X600 ADVANTAGE

- ✓ PROGRAMMABLE
- ✓ BUILT-IN BATTERY
- ✓ EXTRA LONG STANDBY
- ✓ OVERCURRENT PROTECTION



PYRO SIM CONTROLLER CT-05

VOLTAGE: AC 100-240V, 50/60Hz

INPUT VOLTAGE: 12.6V

POWER CONSUMPTION: 5W

POWER CONNECTOR: TRUEL

DMX: 3PIN & 5PIN

CONTROL: DMX512 & RDM

CHARGING METHOD: TYPE C & 12.6V 3A ADAPTER

RECOMMENDED BATTERY: 18650 LION CELL BATTERY

NW: 3.1KG

GW: 33KG

SIZE: 300X200X120MM

PACKING DIMENSION: 335X260X136MM

SF-X600

Voltage: AC 100-240V, 50/60Hz

Input Voltage: 9V

Power Consumption: 3W

Power Input: 9V, 1A

DMX: 3PIN

Control: DMX512

NW: 0.55KG GW: 0.7KG

Size: 200*91*54mm

GRANULE BF0086

Medium (Indoor Use)

Up to 3.5 Meter / SF-05,SF-01,SF-K2,M3,M5,SF-X5

Large (Outdoor Use)

Up to 5 Meter / SF-05,SF-01,M3,M5,SF-X5

X Large (Outdoor use)

7.5 Meter Drop / SF-01

XX Large (Outdoor use)

10 Meter / SF-X8

