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**Marketing, Strategy &
Business Development Director**

WHAT IF YOU CAN SECURE YOUR JOB?

WHAT IF YOU CAN LEAD AGAIN?

WHAT IF YOU CAN GET YOUR BONUS?

**COVID
FORCE MAJEURE
SHORTAGE
PRICE INCREASE
INFLATION**

...



PRECISION®

WHAT IF YOU CAN SECURE **YOUR JOB?**

WHAT IF YOU CAN **LEAD AGAIN?**

WHAT IF YOU CAN GET **YOUR BONUS?**





STORM[®]

The logo features the word "STORM" in a bold, orange, sans-serif typeface. A bright yellow lightning bolt strikes the center of the letter "O", which is a solid orange circle. The lightning bolt originates from a blue, stormy cloud at the top of the frame and extends downwards, branching out as it descends. The background is a dark, moody blue gradient, suggesting a night sky or a stormy atmosphere.

YOUR BRAND IMAGE

**design modern &
engaging actuators**



YOUR CONSUMER EXPERIENCE

**offer premium spray
performance**



YOUR SUSTAINABILITY

**less plastic, one-resin,
less energy**



YOUR SPEED TO MARKET

**one mold,
no assembly**



YOUR COST POSITION

**less investment
& very cost
-efficient actuators**

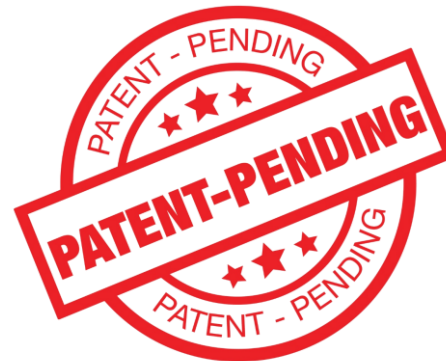


PRECISION®



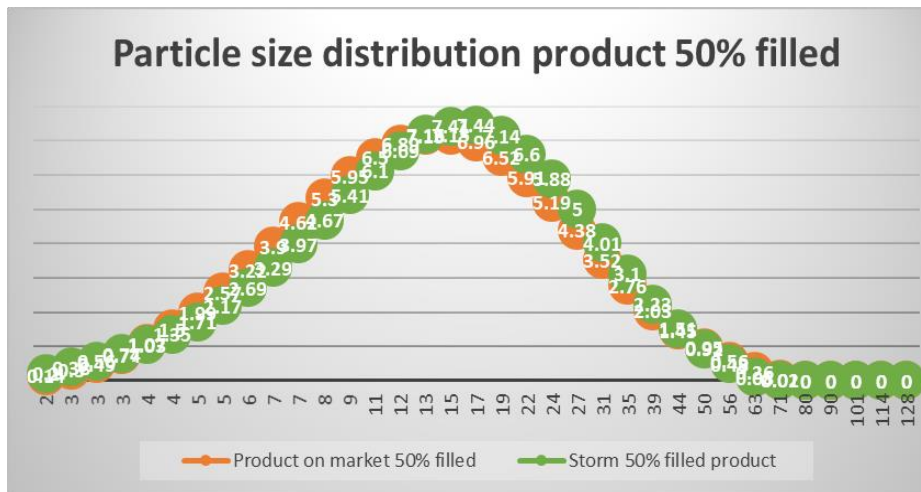
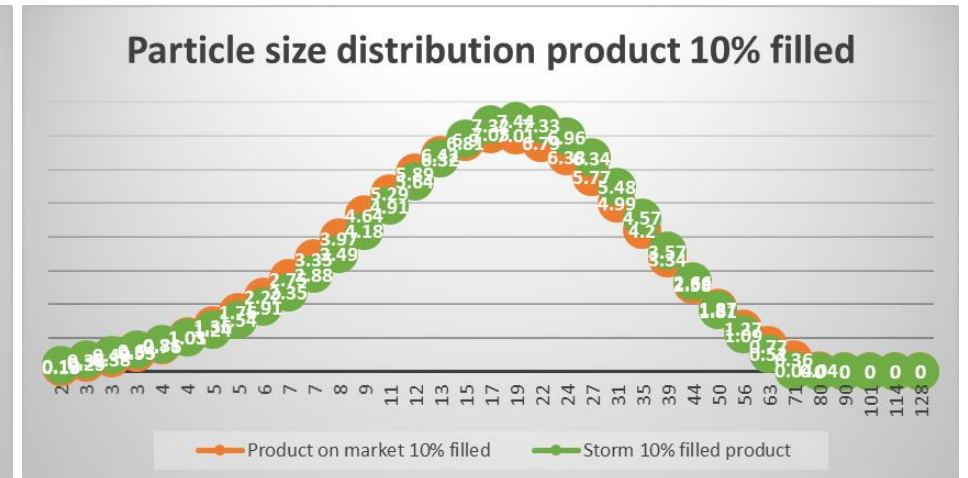
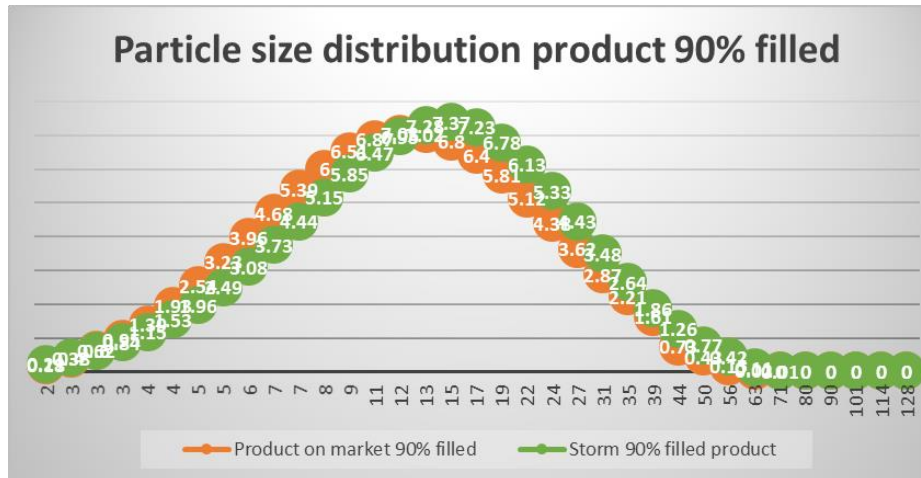
SPRAY
PERFORMANCE
WITHOUT
THE INSERT

DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

STORM[®]

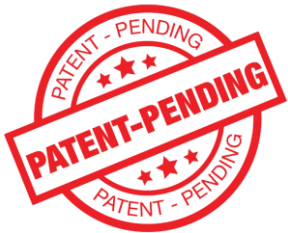


- STORM[™] DBU (NO INSERT)
- MARKET ACTUATOR WITH INSERT

DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

ALCOHOLIC DEODORANT

STORM[®]



CURRENT INSERT ACTUATOR

- Discharge Rate: 0.6 g/s
- Particles Size:
 - 10%: < 7 μm
 - 50%: < 15 μm
 - 90%: < 27 μm
- Spray Pattern at 20 cm: 9 cm



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

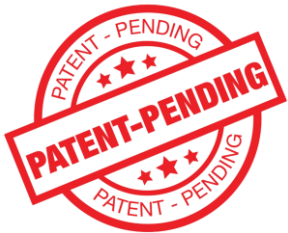
- Discharge Rate: 0.6 g/s ✓
- Particles Size: ✓
 - 10%: < 7 μm
 - 50%: < 15 μm
 - 90%: < 28 μm
- Spray Pattern at 20 cm: 9 cm ✓✓



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

ALCOHOLIC DEODORANT

STORM[®]



CURRENT INSERT ACTUATOR

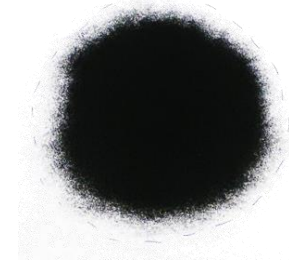
- Discharge Rate: 1.4 g/s
- Particles Size:
 - 10%: < 3 μm
 - 50%: < 15 μm
 - 90%: < 27 μm
- Spray Pattern at 20 cm: 7 cm



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

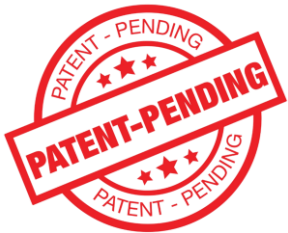
- Discharge Rate: 1.3 g/s ✓
- Particles Size: ✓ ✓
 - 10%: < 5 μm
 - 50%: < 17 μm
 - 90%: < 29 μm
- Spray Pattern at 20 cm: 7 cm ✓



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

ANTIPERSPIRANT POWDER DEODORANT

STORM[®]



CURRENT INSERT ACTUATOR

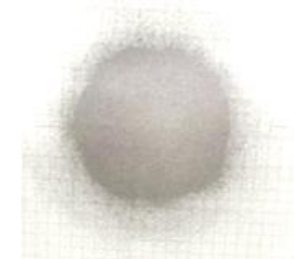
- Discharge Rate: 0.5 g/s
- Particles Size:
 - 10%: < 5 μm
 - 50%: < 12 μm
 - 90%: < 32 μm
- Spray Pattern at 20 cm: 12 cm



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

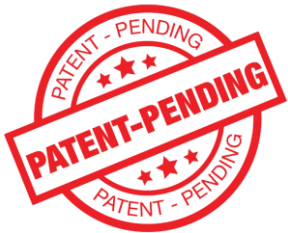
- Discharge Rate: 0.5 g/s ✓
- Particles Size: ✓
 - 10%: < 5 μm
 - 50%: < 12 μm
 - 90%: < 44 μm
- Spray Pattern at 20 cm: 11 cm ✓ ✓



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

HAIR SPRAY

STORM[®]



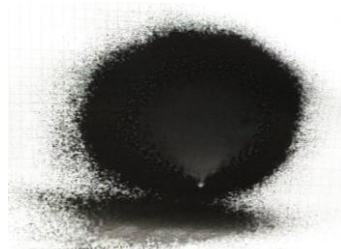
CURRENT INSERT ACTUATOR

▪ Discharge Rate: 0.7 g/s

▪ Particles Size:

- 10%: < 27 μm
- 50%: < 74 μm
- 90%: < 178 μm

▪ Spray Pattern at 20 cm: 15 cm



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

▪ Discharge Rate: 0.7 g/s

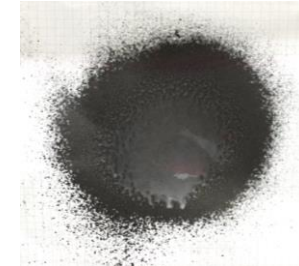


▪ Particles Size:

- 10%: < 29 μm
- 50%: < 78 μm
- 90%: < 182 μm



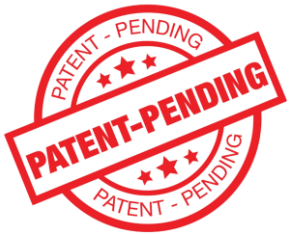
▪ Spray Pattern at 20 cm: 17 cm



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

INSECTICIDE

STORM[®]



CURRENT INSERT ACTUATOR

- Discharge Rate: 1.3 g/s
- Particles Size:
 - 10%: < 22 μm
 - 50%: < 67 μm
 - 90%: < 171 μm
- Spray Pattern at 20 cm: 18 cm



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

- Discharge Rate: 1.4 g/s ✓
- Particles Size: ✓
 - 10%: < 27 μm
 - 50%: < 75 μm
 - 90%: < 180 μm
- Spray Pattern at 20 cm: 24cm ✓ ✓



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

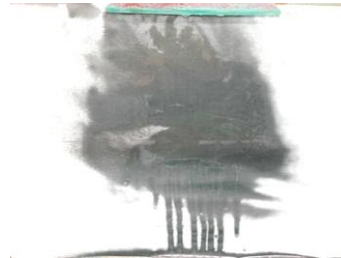
AIR FRESHENER

STORM[®]



CURRENT INSERT ACTUATOR

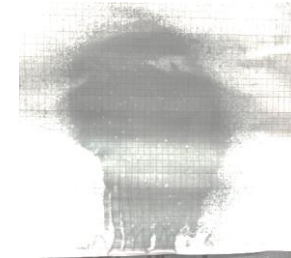
- Discharge Rate: 1.5 g/s
- Particles Size:
 - 10%: <37,41 μm
 - 50%: <86,14 μm
 - 90%: <187,6 μm
- Spray Pattern at 20cm: 20cm dispersed



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

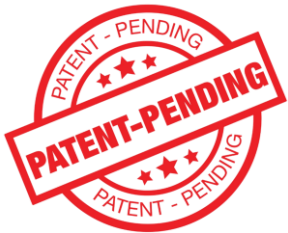
- Discharge Rate: 1.4 g/s ✓
- Particles Size: ✓
 - 10%: <38,01 μm
 - 50%: <85,92 μm
 - 90%: <187,3 μm
- Spray Pattern at 20cm: 12cm dispersed ✓



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

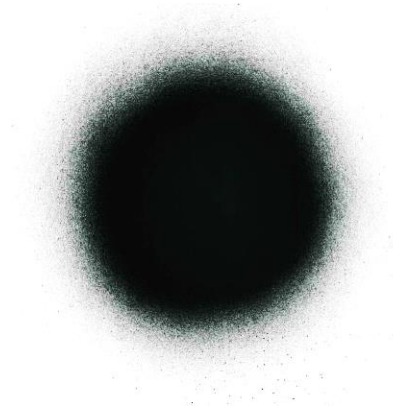
PAINT

STORM[®]



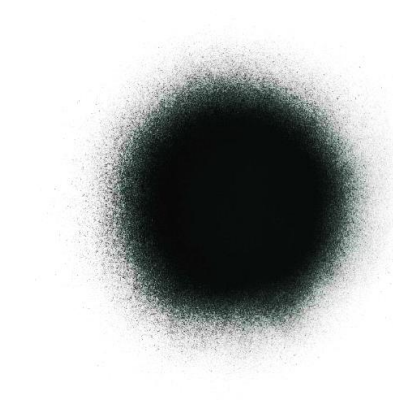
CURRENT INSERT ACTUATOR

- Discharge Rate: 1.3 g/s
- Spray Pattern at 20 cm: 11 cm



STORM[®] SPRAY
PERFORMANCE
WITHOUT
THE INSERT

- Discharge Rate: 0.5 g/s
- Spray Pattern at 20 cm: 10 cm ✓



DISRUPTIVE BREAK-UP TECHNOLOGY FOR SPRAY ACTUATORS

LUBRICANT

STORM[®]



CURRENT INSERT ACTUATOR

- Discharge Rate: 0.9 g/s
- Particles Size with Ext. Tube:
 - 0.9 g/s
- Spray Pattern at 20 cm: 11 cm, volatile



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

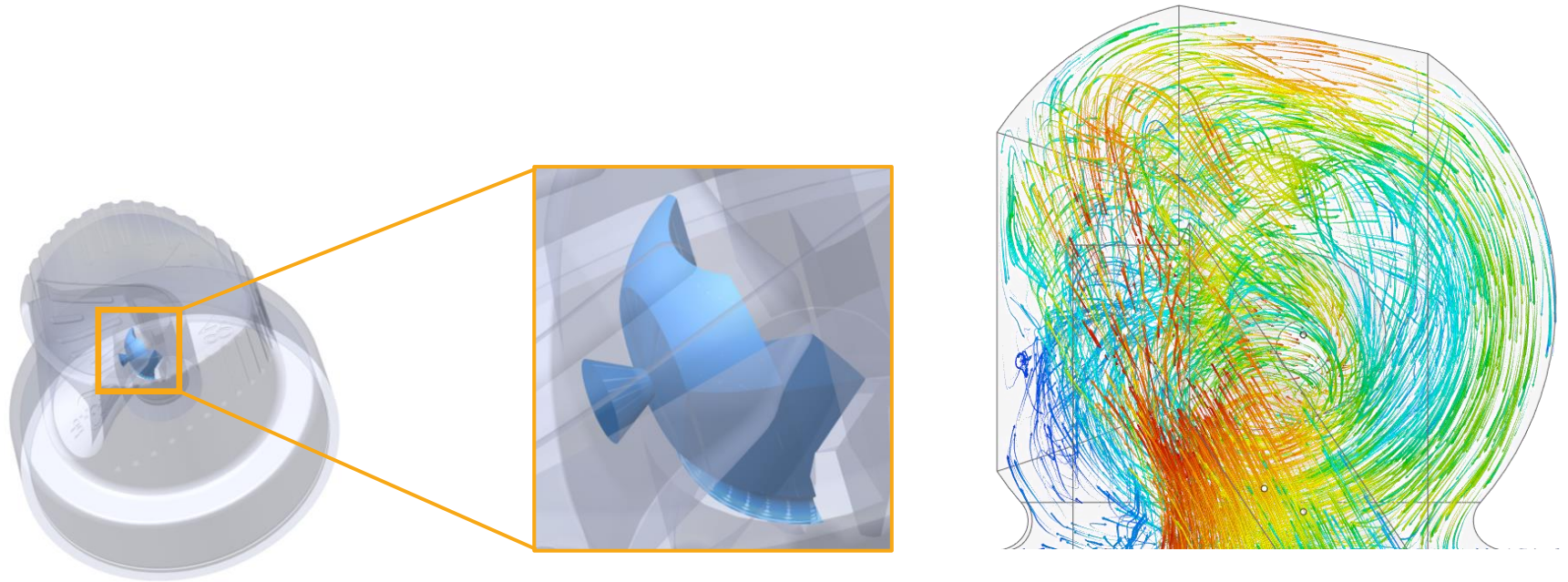
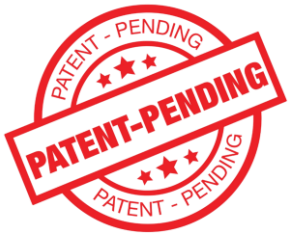
- Discharge Rate: 1.0 g/s ✓
- Particles Size with Ext. Tube :
 - 0.9 g/s ✓
- Spray Pattern at 20 cm: 6 cm ✓ ✓



DISRUPTIVE BREAK-UP...

... ACHIEVED BY ENGINE CREATING

STORM[®]

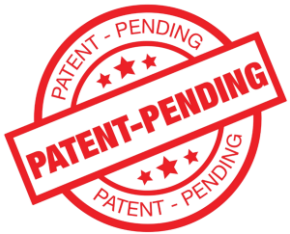


A CHAOTIC 'STORM' OF PARTICLES



SPRAY
PERFORMANCE
WITHOUT
THE INSERT

117 FORMULATIONS TESTED POSITIVELY, AT DATE



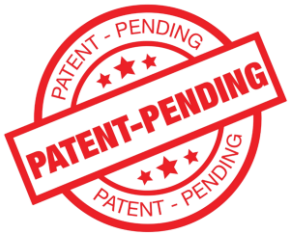
- ✓ **ALCOHOLIC DEODORANTS**
- ✓ **ANTIPERSPIRANTS**
- ✓ **HAIR SPRAYS**
- ✓ **INSECTICIDES**
- ✓ **AIR FRESHENERS**
- ✓ **LUBRICANTS**
- ✓ **PAINTS**
- ✓ **YOUR FORMULATION**





SPRAY
PERFORMANCE
WITHOUT
THE INSERT

NO INSERT



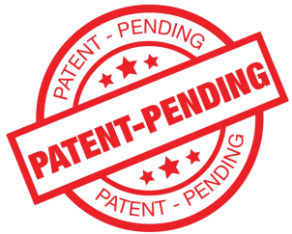
- ✓ **ONE-RESIN ACTUATOR**
- ✓ **EASIER RECYCLING**
- ✓ **LESS ENERGY**
- ✓ **BETTER SPEED TO MARKET**
- ✓ **BETTER SERVICE**
- ✓ **PCR OPTION**
- ✓ **LOWER COST**



STORM[®]

SPRAY
PERFORMANCE
WITHOUT
THE INSERT

AVAILABLE FOR ANY ACTUATOR TYPE



✓ **BUTTONS**

✓ **CUP-FITTING ACTUATORS**

✓ **CAN-FITTING SPRAYCAPS**





Your brand image



**Your consumer
experience**



Your sustainability



**Your speed
to market**



Your cost position

STORM[®] SPRAY
PERFORMANCE
WITHOUT
THE INSERT

READY FOR YOUR NEW ACTUATOR?



SECURE

**YOUR JOB
YOUR LEAD
YOUR BONUS**

STORM™

**SPRAY PERFORMANCE
WITHOUT INSERT**

PRECISION®



SPRAY
PERFORMANCE
WITHOUT
THE INSERT

IT ALL STARTS WITH YOU





**FOUNDER OF THE
MODERN AEROSOL
INDUSTRY**

**AEROSOL VALVES
WORLD LEADER
SINCE 1949**

**GLOBAL KEY PLAYER
FOR AEROSOL
ACTUATORS**

17 FACILITIES IN 15 COUNTRIES ON 6 CONTINENTS

