



## Scientific Equipment

# Corrosion Test Chamber

# Salt Spray Chamber

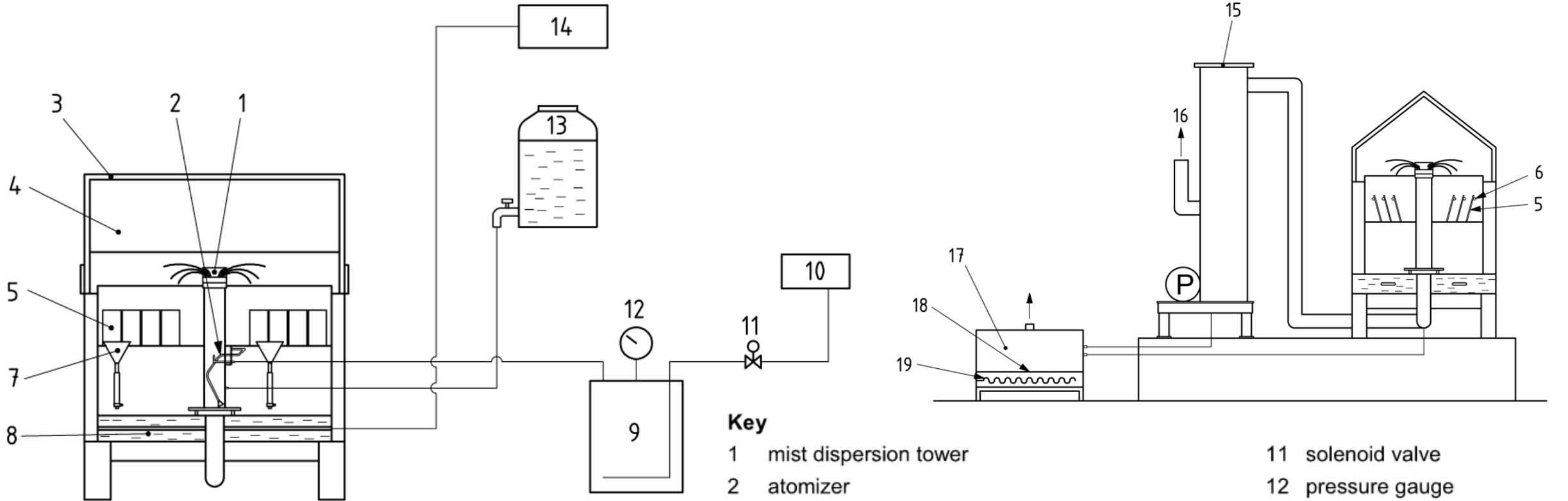
Fog Chamber

Machine Chamber  
& Controller



Nozzle

# Schematic Diagram



## Key

- 1 mist dispersion tower
- 2 atomizer
- 3 cover
- 4 test chamber
- 5 test specimen
- 6 test-specimen support
- 7 fog collector
- 8 chamber
- 9 air saturator
- 10 air compressor

- 11 solenoid valve
- 12 pressure gauge
- 13 solution tank
- 14 temperature controls
- 15 exhaust-treatment disposal
- 16 air-outlet port
- 17 drain-treatment disposal
- 18 salt tray
- 19 heating elements

# Salt Spray Chamber

## Salt Spray Test Method :

1. Neutral Salt Spray Test (SS Test)
2. Acetic Acid Salt Spray Test (ASS Test)
3. Copper Accelerated Acetic Acid Salt Spray Test (CASS Test)

# Salt Spray Chamber

Type of Test		Salt Spray Test	Acetic Acid Salt Spray Test	Copper Accelerated Acetic Acid Salt Spray Test
Standard Designation		DIN 50021 – SS, ASTM B117, ISO 9227	DIN 50021 – ASS, ASTM B368, ISO 9227	DIN 50021 – CASS, ASTM B368, ISO 9227
Test Solution	Concentration by these sodium chloride	50 ± 5 g/l		
	Other additives	None (see subclause 5.1)	Acetic Acid (see subclause 5.2)	Acetic Acid and Copper (II) Chloride (see subclause 5.3)
pH Value		6.5 to 7.2	3.1 to 3.3	
Temperature in Spray Cabinet		35 ± 2°C		50 ± 2°C



***Established in 1988***





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