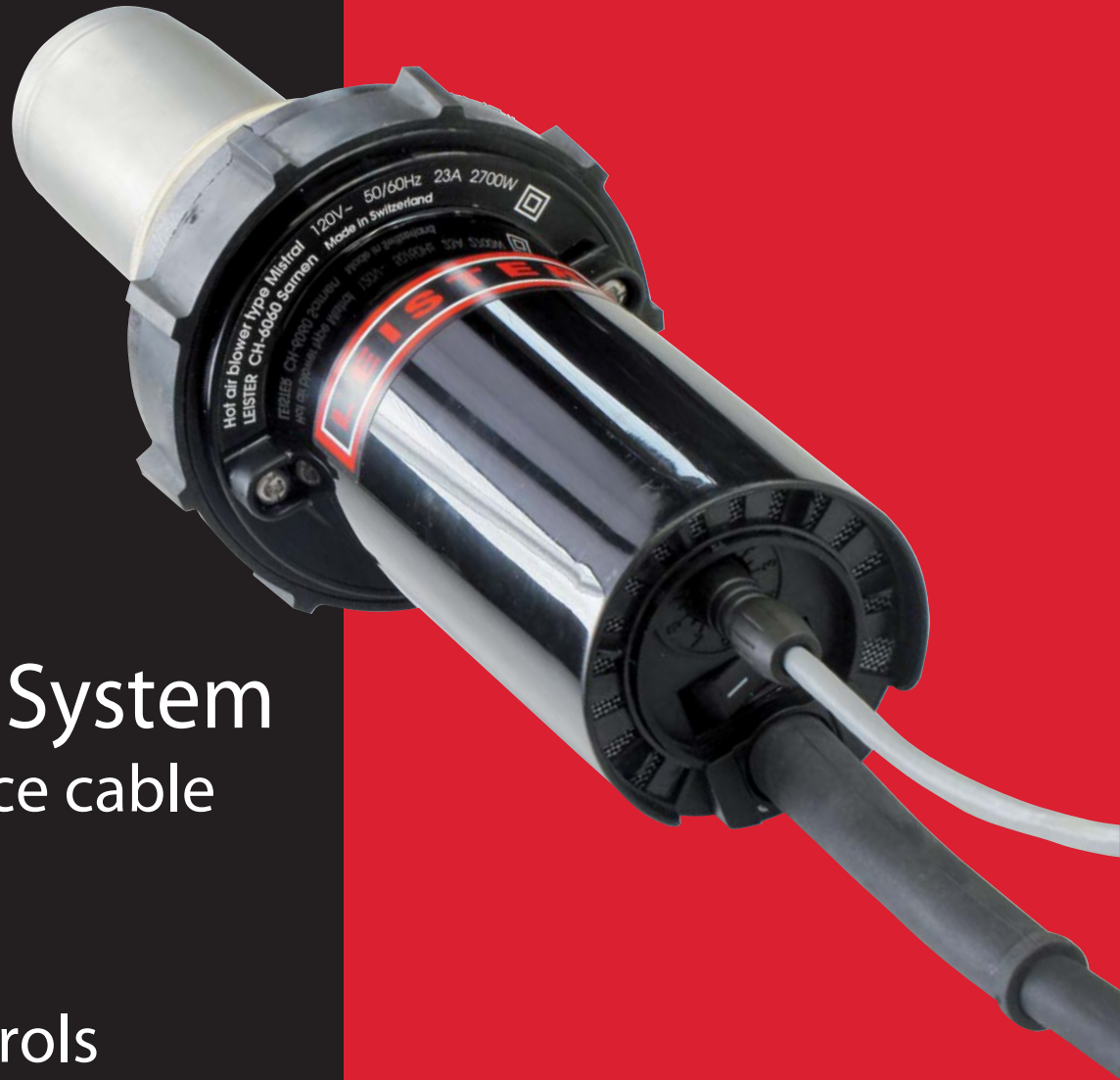


LEISTER

PROCESS HEAT

Sapelmeca



MISTRAL System with interface cable

Simple controls
at any time.

MISTRAL System

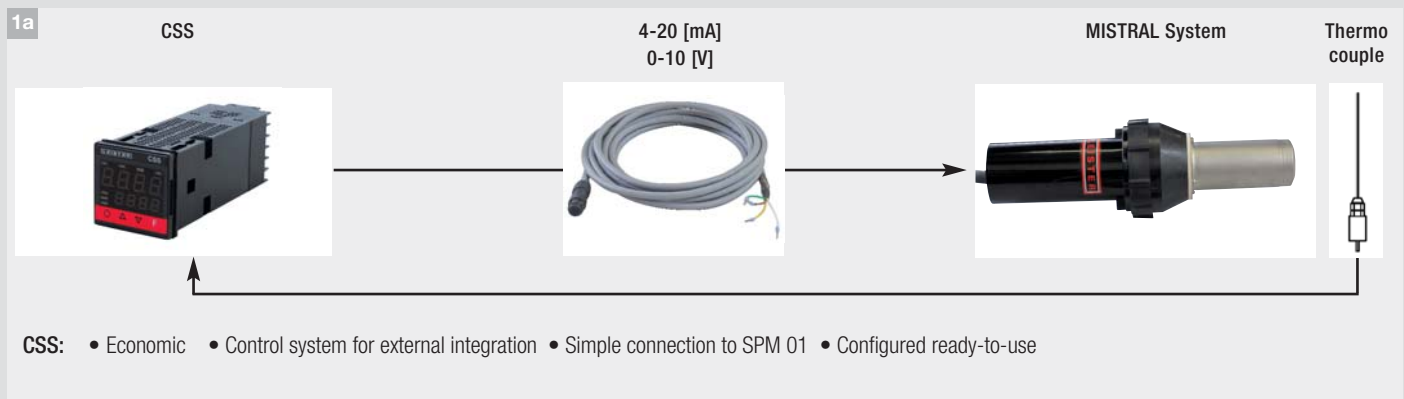
The demand for controllable and adjustable industrial hot air systems is constantly growing. That is why we have equipped our MISTRAL System with control and adjustment technology. With the MISTRAL System the heating performance can precisely be controlled via the normal industry standard control signals from 4 – 20 [mA] or 0 – 10 [V]. Using these precise temperature controls, processes which rely on accuracy can be carried out with dependable reliability. With its brushless motor the MISTRAL System is intended for long-term, continuous use in heavy industrial environments.

Applications

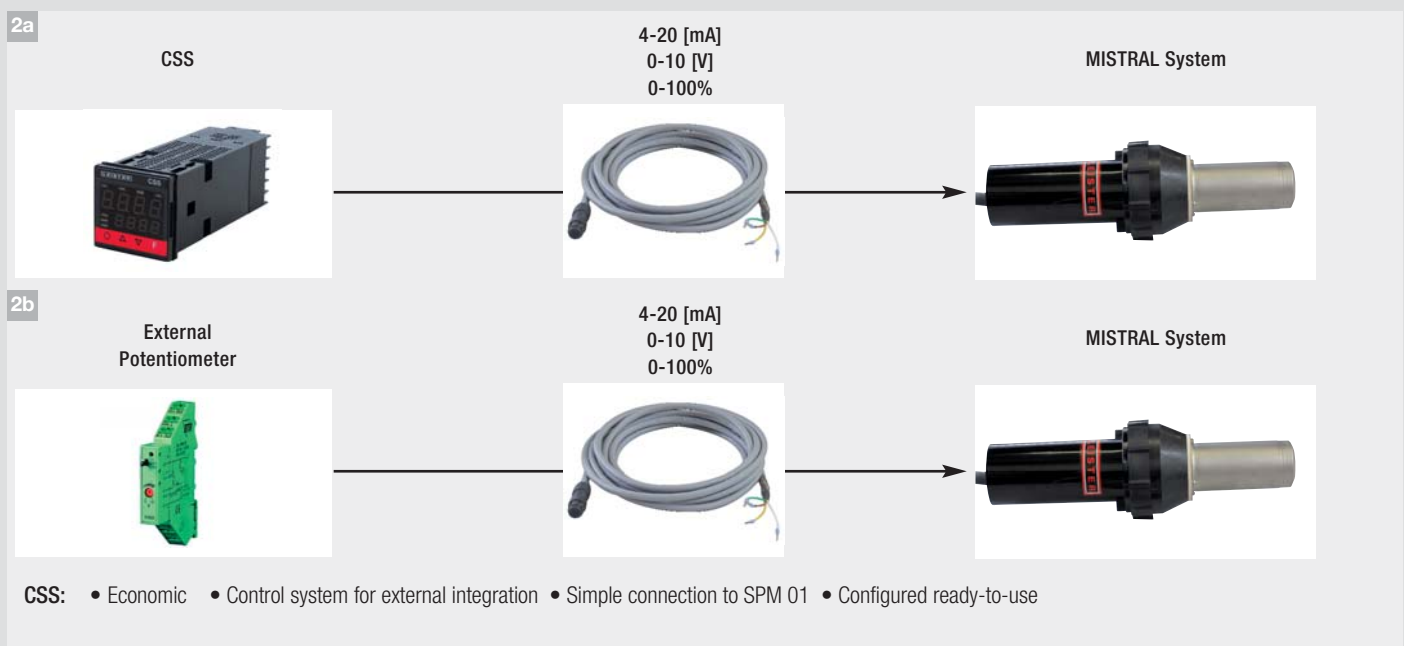
Thanks to its integrated fans, the MISTRAL System from Leister is suitable for many different hot air applications, including:

- Pre-heating and warming up
- Removing bacteria, sterilising
- Smoothing and polishing
- Activating
- Pasteurising
- Accelerating
- Baking
- Drying

Closed loop controlled MISTRAL System



Open loop controlled MISTRAL System





Control with 4-pin plug

Features

- Maintenance free, brushless motor for continuous operation
- Compact size
- Adaptable integration
- Flexible controls 4 – 20 [mA] 0 – 10 [V]
- Max. temperature 650°C
- Large choice of accessories

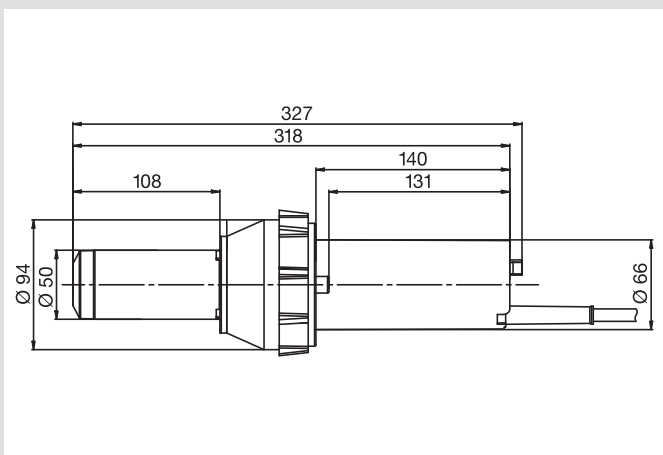
Technical Data

Maintenance free, brushless motor for continuous operation	•
Mains plug	•
Interface cable	•
Air filter	•
Manual airflow control	•
Built-in protection for equipment and heating element	•
Max. Air output temperature	°C 650
Max. air volume	l/min. 350
Static pressure	kPa 2.48
Noise emission level	LpA (dB) 65
Weight with 3 m cable	kg 1.5
Conformity mark	CE
Safety standard	Ⓢ
Type of certification	CCA
Protection class	II

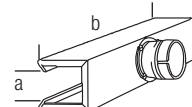
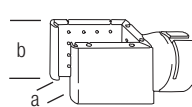
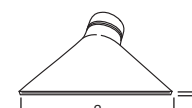
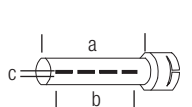






Order no.y:

140.254	Mistral System 230V / 2300W with European plug	max. 450 °C
140.253	Mistral System 230V / 3400W with European plug	max. 650 °C
140.255	Mistral System 120V / 2700W no plug	max. 450 °C
140.256	Mistral System 230V / 2300W with Swiss plug	max. 450 °C

Dimensions in [mm]



Accessories MISTRAL System

107.340		Curved reflector, push-fit (a × b) 45 × 250 mm
107.327 107.333		Sieve reflector, push-fit (a × b) 85 × 85 mm 130 × 150 mm
106.057 106.060 107.270 106.061		Wide-slit nozzle, push-fit (a × b) 100 × 4 mm 150 × 6 mm 150 × 12 mm 300 × 6 mm
105.950 107.257 105.955 105.952 105.956		Tubular nozzle, push-fit (a × b × c) 460 × 300 × 2 mm 590 × 420 × 1.7 mm 836 × 660 × 1 mm 900 × 800 × 0.9 mm 1000 × 820 × 0.9 mm
133.516		Temperature probe mounting
133.067		Mounting
123.039		CSS – Temperature controller
106.956		Temperature probe with plug, 1 m cable
106.958 106.960 106.962		Temperature probe extension cable with plug 2 m 4 m 10 m
140.252		Interface cable ICI 01A 3 m

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