

## CDS Airtek 900°C Electric multi process Oven / Furnace



Stock No	<a href="#">OZ2121J</a>
Manufacturer	<a href="#">CDS Airtek</a>
Model	Very high temperature heat treatment oven.
Year of Manufacture	2017
Serial	1100
Condition	From a working environment, Excellent Condition, Current Model
Internal Size (WxDxH mm)	950 x 1250 x 1370
Max Temp	900°C
Other Info	Flammability analyser fitted
Location	Our Central Warehouse, Aldridge, UK
External Dimensions (WxDxH mm)	2200 x 3200 x 2950

### Description

The oven was designed to heat up to 800° C and was originally designed to have a small bleed of dilution air going into the oven during heat up and then this would be increased and used to allow cooling of the products on completion of the heat cycle.

### Original design

The oven was originally fitted with an LEL (see below) monitor to check the atmosphere leaving the oven and in the unlikely event (the oven was only designed to take moisture out of the product) that the LEL was approached, then the



oven would revert to full fresh air input. The client requested the LEL be fitted as they had similar products containing solvent that could potentially be placed in this oven by mistake.

LEL (Lower Explosion Limit) monitors measure solvent concentration helping you to optimise and control your process to ensure safe working conditions at all times

The oven has a flammability analyser built in so if there are possible explosive gasses being generated the controller will take the necessary action to vent / control the gasses.

There is a large damper vent built into the roof which is used to aid the cooling or control the oven temperature during the process.

### Specialist

- CDS Airteks bespoke furnace / Kiln range, including stress relieving kilns, Isothermal Annealing Furnaces and many other types are all custom designed and manufactured to meet our clients needs.
- CDS Airteks industrial furnaces and kilns are designed and built with efficiency and quality at the heart of each build. Their aims to create products with maximised production capability and increased product quality for processed products.



Original Equipment Manufactures Offer full supports for this equipment.

**Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.**