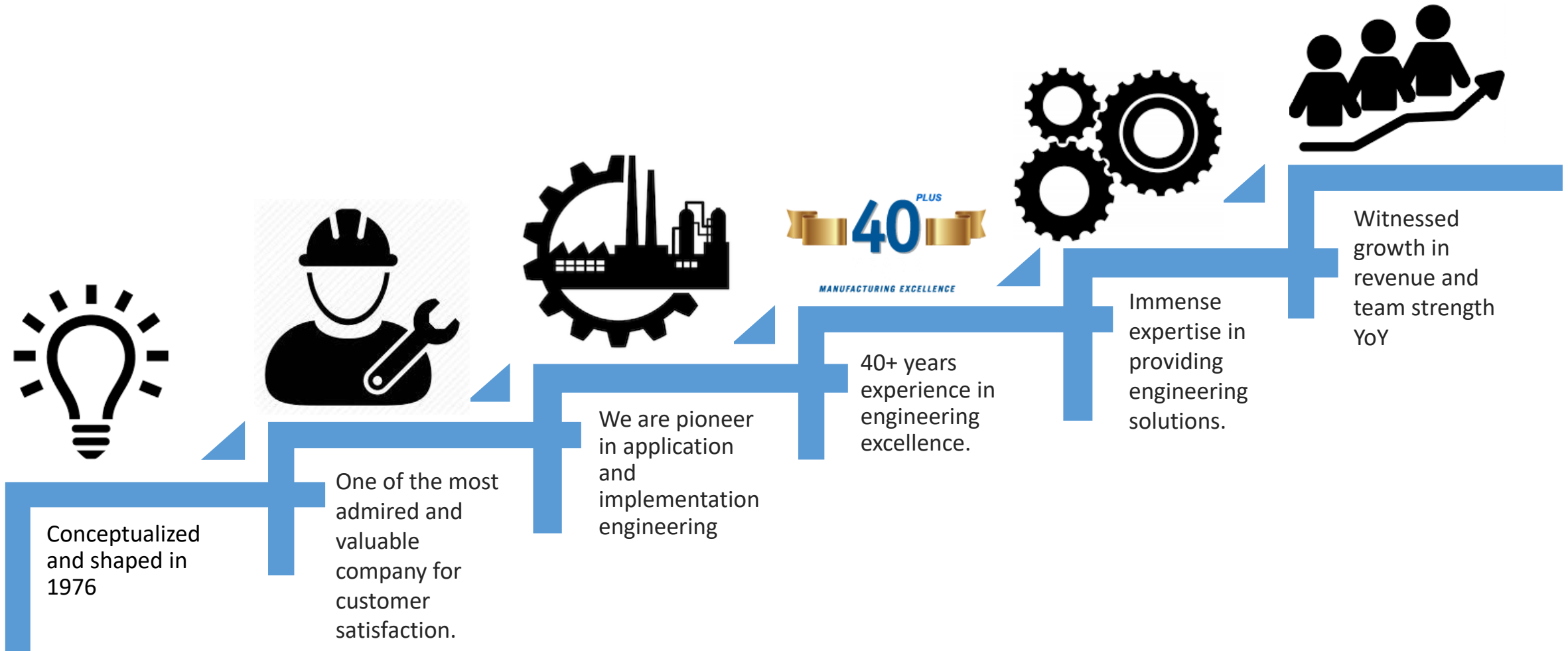


KERONE

Complete Engineering Solutions...

Who are we...



We are accredited by...



Member of AIMCAL



Member of IHEA



Strategic Partners of
Emitech Italy



IAF Certified For
Quality



IAF MLA signatory for Certification of Persons,
Product Certification and Management System
Certification (QMS, EMS, ISMS, EnMS, FSMS)

Recognized and Rated by
CRISIL



CRISIL Verified



Member of A.M.P.E.R.E.
(Europe)



Associated with Institute
of Chemical Technology



ISO 9001:2008 | ISO 9001:2015 | OHSAS 18001 | EMS 14001

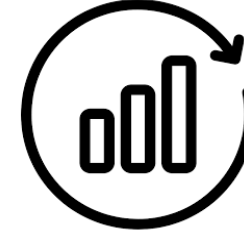
Why We...



**Highly Customized
Product**



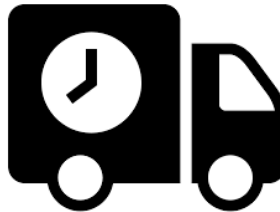
**Adherence
to Standards**



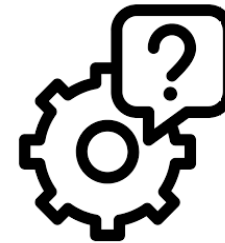
**Cost Effective
Solutions**



**Sound
Infrastructure**

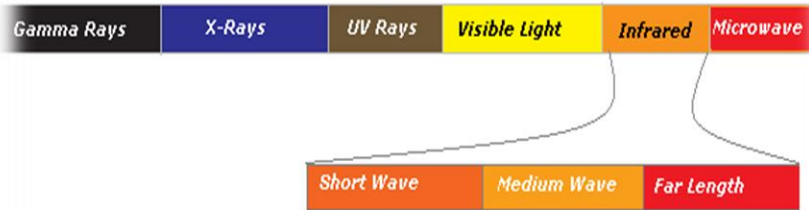
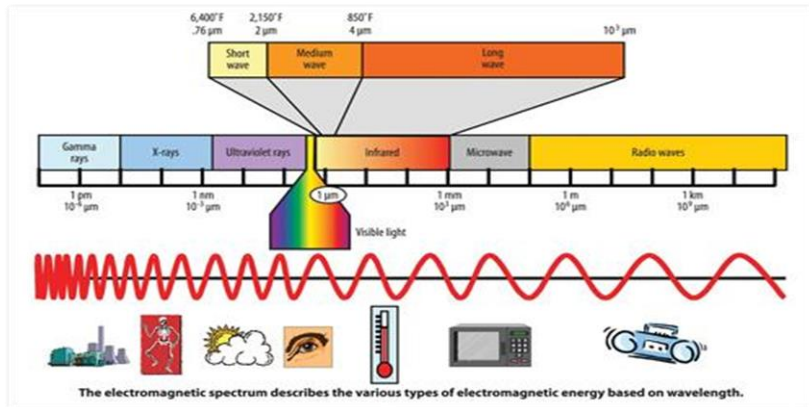


**Timely
Delivery**



**Great After
Sale Support**

Introduction of Infrared



Infrared Heating System are basically classified based on its emitting wave length :

Far Infrared
(3000 nm and
Above)

Medium Wave
(1400 nm and
3000 nm)

Short Wave
(780 nm to 1400
nm)

Infrared Heating System are part of Electromagnetic heating family.

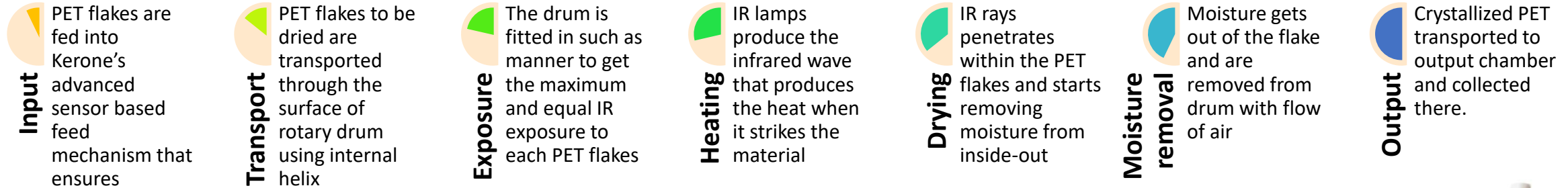
Infrared heaters uses IR radiating waves falls just below visible light spectrum.

Infrared radiators heats produces heat on the surface of material.

Heat is transferred from outer surface to inner body.

Infrared heating system produces heat same as 'SUN' from hot surface to cold surface.

Infrared Based PET Crystallizer – Working Principle

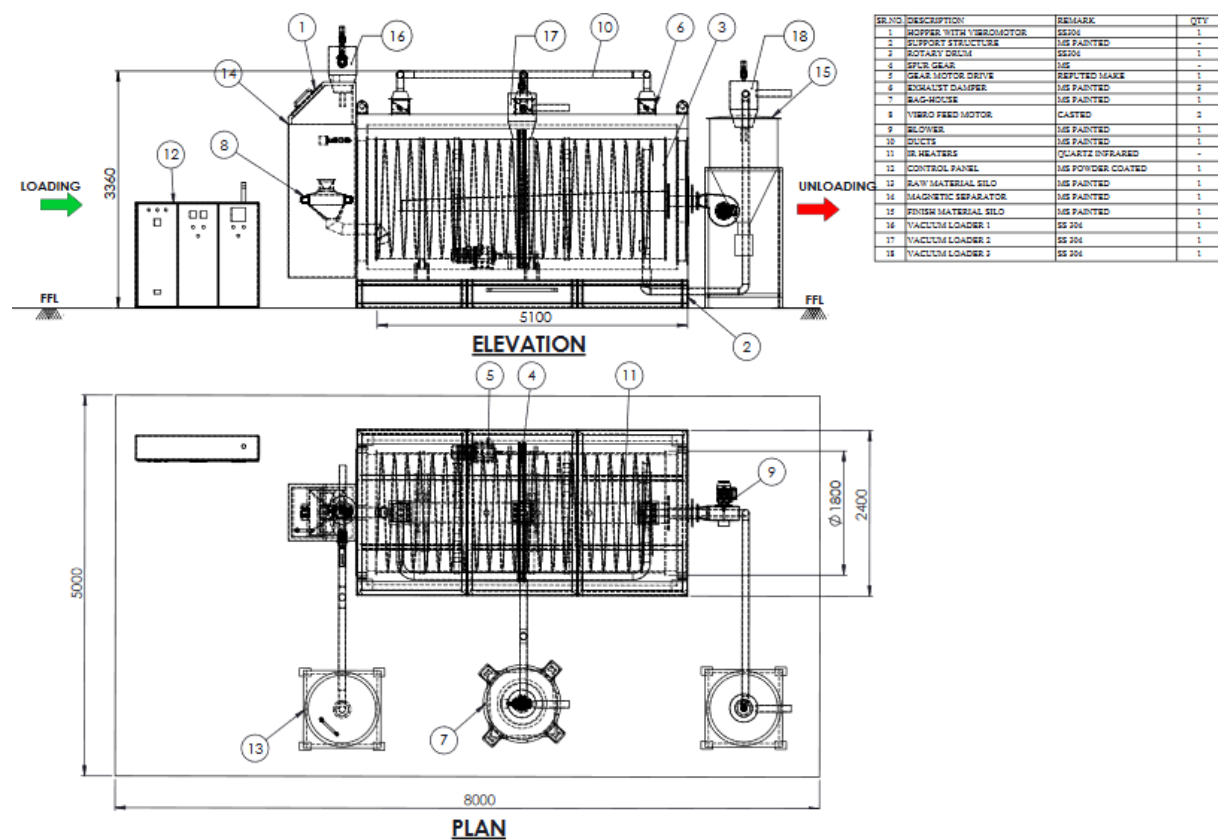
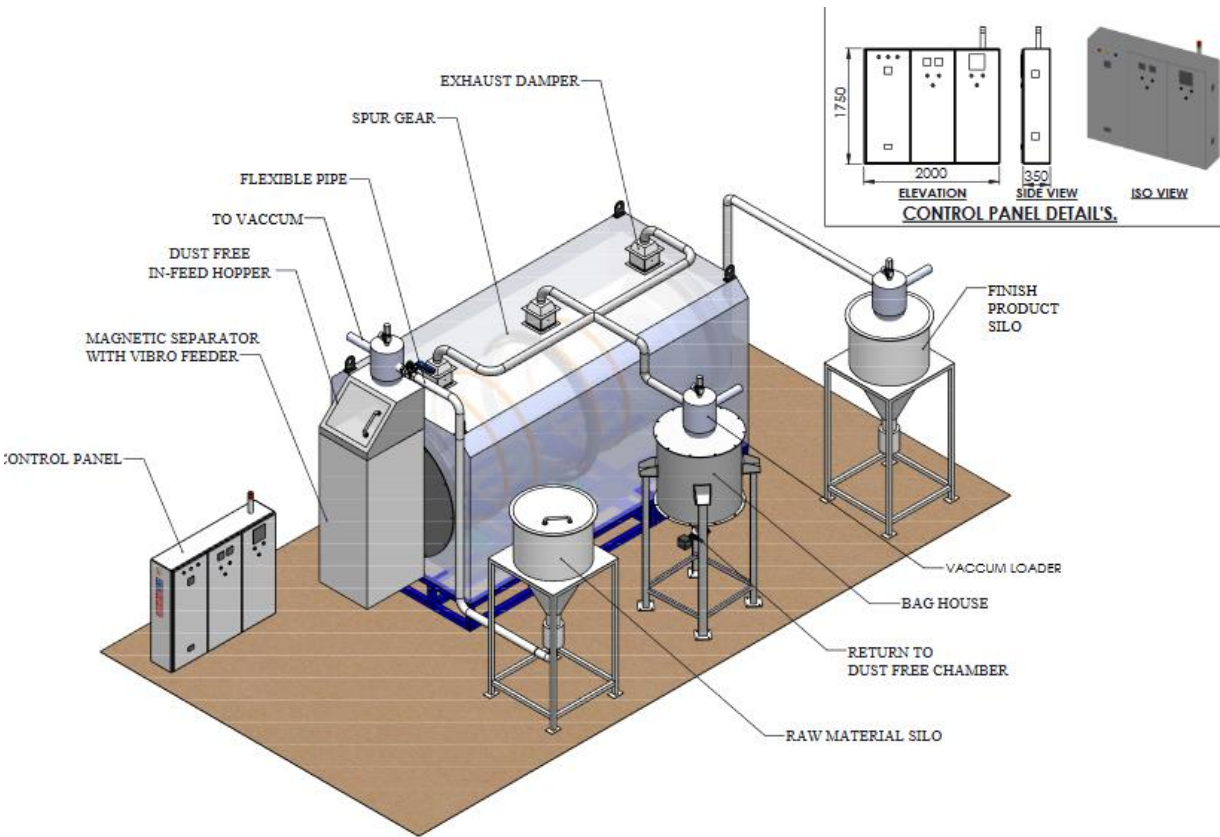


Control

Entire process is monitored and controlled by a very easy to understand and highly sophisticated control mechanism with LCD screen and touch based control



Infrared Based PET Crystallizer – Schematic



Infrared Based PET Crystallizer – Features



One Step Process

- IR based systems are capable of crystallizing and/or drying up to 4000 lb/hr (1800 Kg/hr) in single stroke

4-5 times faster than conventional System

- IR systems reduces moisture from over 3500 ppm to less than 50 ppm in about an hour.
- Conventional systems requires 5-6 hrs

Energy Savings

- IR crystallizers provide energy saving of up to 45% as it dries in single run and in minimum time

Quick Change over

- Unlike conventional systems it does not requires 5-6hrs for processing. Drying takes place within one hour only.

Less floor area consumption

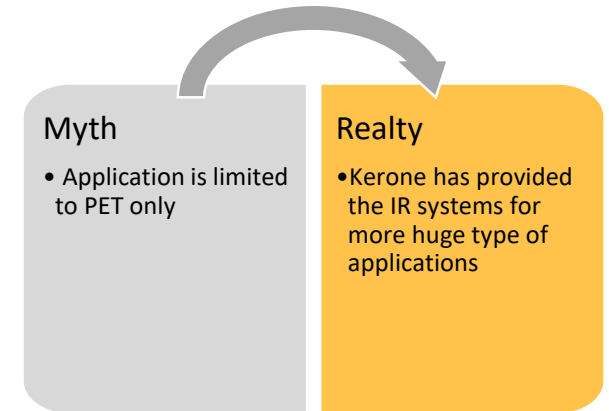
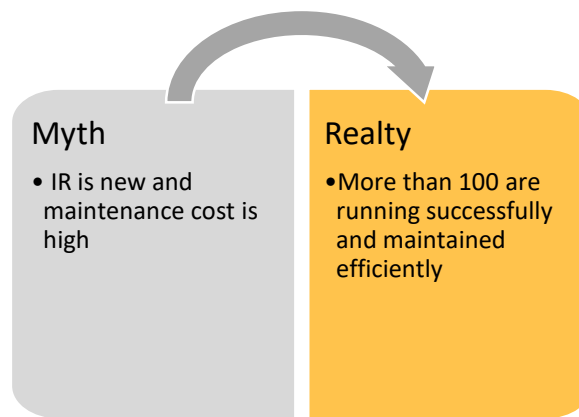
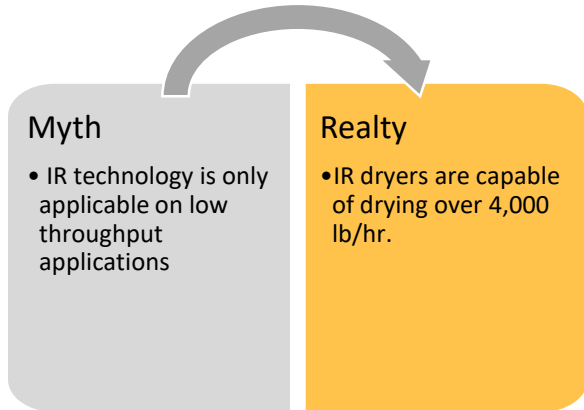
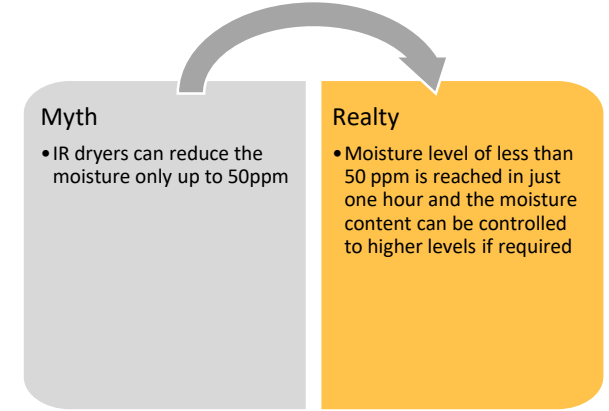
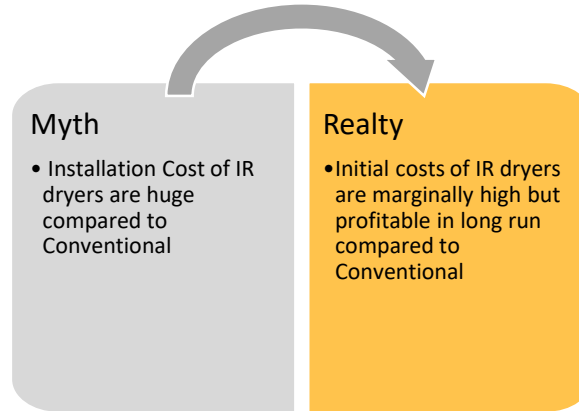
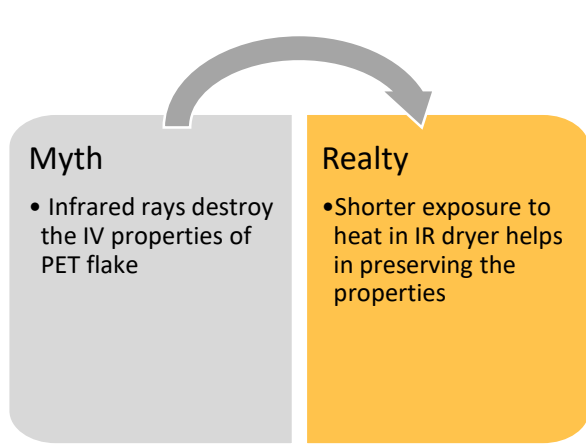
- IR systems offers upto 400% space saving less in-process inventory and smaller footprint

Digitally controlled

- 100% digital control mechanism, quick start and stop



Infrared Dryer Myths



Infrared Heating System Vs Conventional Heating System

Infrared Heating System

IR heating systems are fast heating system, results in saving of time.

Instant heating of the material, hence no warm up time.

Environmental friendly and green heating solution, no carbon emission.

100% energy utilization, Heats only desired spot of material.

Better floor utilization index.

No Temperature loss in surrounding, ambient workplace.

Conventional Heating System

Conventional heaters have slow heating rate, heat is transferred via means of air.

Instance heating does not takes place, it requires warm-up of surrounding.

Produces carbon or toxic gases hence not much environmental friendly heating solutions.

100% energy utilization is not possible, as material is heated by surrounding hot air.

Poor floor utilization index.

Surrounding air temperature rises with rise in heater temperature.

Trusted Partner of following consultants...



LLOYD'S



Our Clients...

Serving Across Borders...





Locate-Us

UNIT I

B/10, Marudhar Industrial Estate,
Goddev Fatak road, Bhayander(E),
Mumbai-401105

Phone : +91-22-28150612/13/14

UNIT II

Plot No. B-47, Addl.
MIDC Anandnagar, Ambernath (East),
Dist. Thane- 421506

Phone : +91-251-2620542/43/44/45/46

EMAIL

info@kerone.com | sales@kerone.com |
unit2@kerone.com

WEBSITE

www.kerone.com | www.kerone.net |
www.keroneindia.com