

NEUATION



HETEROGENEOUS FEATURES.
HOMOGENEOUS OUTPUT

iRupt 24P
(Homogenizer)

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Dealing with and getting frustrated by trivial issues related to convenience and performance are pretty common when using run-of-the-mill homogenizing devices. These devices are made with only one purpose - to maximise profits. As a result, these devices are often found to have substandard components, especially the motor which delivers unreliable and underwhelming performance.

Enhanced intelligent design & quality material, iRupt 24P combines the best of impeccable performance and convenience to change the way how you deal with your homogenizing needs. Designed and developed after extensive R&D and perfected with stringent quality checks, iRupt 24P comes with top-of-the-line components like the powerful maintenance-free BLDC motor which offers exceptional performance along with high sample output and better shearing force. Change the way you work for the better with iRupt 24P



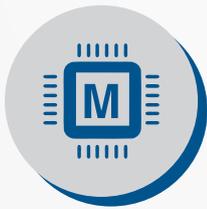
Product Features



24 X 1.5/2 ML & 12 X 7 ML
Sample Capacity



Brushless DC motor
for operation and
maintenance free
long operation



Microprocessor controlled
unit for efficient performance
even under high loads



Variable Speed Setting From
0.80 M/s To 7.50 M/s In
Increments Of 0.05 M/s
(490-4550 RPM)

Variable Timer Range From
1 Second To 99 Second With
Increments Of 1 Second.



Pause/interval Timer Ranging
From 10 Second To 600 Seconds
With Increments Of 1 Second.



≤ 6 Seconds Acceleration/
Deceleration Time Ensures Quick
Disintegration Of Cell/tissues



Large Digital Display



Product Features



Separate Displays For Each Parameters Ensures Convenient Viewing Of Critical Parameters Without Any Toggling.



Intuitive Interface And Dedicated Operational Buttons For Setting Parameters For Uncompromised Ease Of Use.



User-programmable Feature Allows The User To Store Up To 99 Programs For Quick-operation.



Finger-plate Lock Holds The Tube And The Tube Holders Tight To The Fast-rotating Rotor Shaft Thus Preventing Them From Breaking Free.

Magnetic Lid Lock Safety Detects That The Lid Has Been Opened While It Is Still Running And puts the machine to A stop to prevent any accident.



Enhanced Airflow Design Ensures That The Temperature Inside The Chamber Will Always Remain In Control.



Highly Durable Because Of Its Robust Construction.



Specifications

| Specifications | iRupt 24P |
|------------------------------|--|
| Agitation speed range | 0.80 m/s ~ 7.50 m/s (in steps of 0.05 m/s) 490 rpm - 4550 rpm (in step of 30 rpm) |
| Run Time | 1 second to 90 second (in 1 second increment) |
| Pause Time | 10 second to 600 second (in 1 second increment) |
| Number of Samples (Capacity) | 1~24 samples (24 x 1.5ml) |
| Number of Cycles | 10 |
| Programmable (Stored) | 99 Saved Programs |
| Dimensions (W x D x H) | 490 x 350 x 315 mm |
| Weight | 32.5 kg |
| Power Supply | 230 VAC/ 50Hz |
| Power Consumption | 200 W |

Ordering Information

| iRupt 24P | | |
|------------------|--------------------|-------------------------|
| Product Name | Cat # | Details |
| iRupt 24P (220V) | CH01-1111 EU/UK/AU | Cell/tissue Homogenizer |
| iRupt 24P (110V) | CH01-1112 US | Cell/tissue Homogenizer |

| Tube Adaptor | | |
|--------------|----------|------------------------|
| Product Name | Cat # | Details |
| - | CH01-TA1 | 24 x 2ml Tubes Adaptor |
| - | CH01-TA3 | 12 x 7ml Tubes Adaptor |

| Accessories | | |
|----------------|----------|----------------------------|
| Part Name | Cat # | Details |
| Screw Cap Tube | CH01-A01 | 2ml tubes |
| Beads | CH01-A02 | 0.4-0.6mm Glass Beads |
| Beads | CH01-A03 | 0.8-1.2mm Glass Beads |
| Beads | CH01-A04 | 2.5-3.0mm Glass Beads |
| Beads | CH01-A05 | 1.0-1.2mm YTZP (94%) Beads |
| Beads | CH01-A06 | 1.4-1.7mm YTZP (94%) Beads |
| Beads | CH01-A07 | 2.6-3.3mm YTZP (94%) Beads |
| Beads | CH01-A08 | 2mm SS Beads |
| Beads | CH01-A09 | 3mm SS Beads |
| Tube | CH01-A10 | 7ml Tubes |

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AN ISO 9001 : 2015 & ISO 13485 : 2016 CERTIFIED MFG. COMPANY

*We also execute OEM projects. Specifications can be changed without notice for quality improvement.