

## Worthington Industries - K Series | 3K(9) | 10K | 24K | 38K

The K Series cryogenic systems offer reliable liquid nitrogen storage with controllable temperatures between -100°C to -196°C.

Rating: Not Rated Yet

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Manufacturer [Worthington Industries](#)

### Description

- [Description](#)
- [Features](#)
- [Specification](#)

## Description

The K Series cryogenic systems offer reliable liquid nitrogen storage with controllable temperatures between -100°C to -196°C. Combined with the safety of the automatic alarms and the easy access to stored product, the unique Temperature Gradient Suppression System greatly improves vapor phase temperature storage and recovery.

The Worthington Industries K Series Cryostorage Systems offer reliable and efficient liquid nitrogen storage and easy access to stored samples for your laboratory or office. Featuring the safety of electronic controllers that monitor and manage liquid level, temperature and a full array of alarms, K Series Cryostorage Systems provide sample storage solutions for either liquid or vapor phase applications when equipped with suitable inventory control systems. With vial storage capacities from approximately 3,000 to more than 38,000, the K Series Cryostorage systems provide easy-to-use sample storage and retrieval for many types of cryogenic storage applications.

Product formerly branded CryoScience by Taylor-Wharton, which was acquired by Worthington Industries.

## Features

### Features

- Vapor or liquid storage
- Intuitive Touch Controls
- Kryos (battery option) or AutoTend
- Stainless Steel vacuum vessel

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- Modular design
  - Durable powder coated cabinet
  - Caster mounted Superior vacuum performance

Specification

MODEL	3K(9)	10K	24K	38K
Static Holding Days (1)	19	33	52	74
Working Time days (2)	12	N/A	N/A	N/A
Evaporation Rate (1)	2.5	5.0	7.0	8.0
liters/days				
Liquid Nitrogen Capacity -	48	165	365	590
liters				
Weight Empty lbs. / kg.	42.0 / 19.1	245 / 111	405 / 184	565 / 256
Weight Full (3) lbs. / kg.	125 / 56.7	537 / 243	1046 / 474	1616 / 733
Neck Diameter in. / mm.	14.0 / 356	21.0 / 533	31.0 / 787	39.0 / 991
Overall Height in. / mm.	29.7 / 754	44.0 / 111.8	44.0 / 111.8	49.0 / 1245
Overall Diameter in. / mm.	15.4 / 391	23.1x30.5(3) / 587x775	34.0x38.5(3) / 864x965	42.0 (4) / 1067
Usable Height - Internal in. /	19.2 / 488	29.0 / 737	29.0 / 737	29.0 / 737
mm.				
Internal Diameter in. / mm.	14.0 / 356	21.0 (5) / 533	31.0 (5) / 787	39.0 (5) / 991
Capacity	3K(9)	10K	24K	38K
2 ml Plastic Vials (6)	3024	10400	24050	38350
Number of 100/81 Cell	N/A	7	17	28
Racks				
Number of 25 Cell Racks	N/A	4	6	6
Box Size				
Shape	Triangle	Square	Square	Square
7th Canister	N/A	N/A	N/A	N/A
in.	6.75x6.87(7)	5x5 (8) / 3x3 (8)	5x5 (8) / 3x3 (8)	5x5 (8) / 3x3 (8)
mm.	171x175	127x127 / 76x76	127x127 / 76x76	127x127 / 76x76
Vials per box	56	100 / 25	100 / 25	100 / 25

Reviews

There are yet no reviews for this product.