



CHA Industries

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Bell Jar Motorized Hoists



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VIEW OUR INVENTORY

CHA motor driven hoists have provided smooth, quiet, and trouble-free operation on hundreds of vacuum systems for the past two decades. CHA design features ease hoist installation and help prevent possible system damage. The MH-302 is recommended for Pyrex and steel bell jars up to 150 pounds and 20 inch diameters. Bell jars above 150 pounds and 20 inch diameters use MH-500 or MH-600 hoists.

Features:

- Hoist lifts and lowers the bell jar to the baseplate. A slip joint prevents the bell jar from being driven into the baseplate.
- Angularity adjustment allows for perfect bell jar seating.
- Adjustable travel means the bell jar is lifted only the required distance.
- Simple bell jar to hoist mounting (chamber top-plate mounts on request).
- The bell jar can be rotated horizontally and vertically for easy removal and cleaning.
- Single pin removed to lift bell jar off hoist.
- The hoist switch has up, down and neutral positions which allow stopping and starting as required.
- A vacuum pressure switch prevents damage by preventing hoist operation when bell jar is under vacuum (optional feature).
- Standard heavy duty gear motor and drive components.

- 110 VAC, 60 Hz operation. 50 Hz available upon request.
- All models include mounting brackets and toggle switch.

Specifications:

Part No	Max Load In Lbs	Column Ctr Line		Gear Motor	Travel	Lift Time/Sec	Wt		Hz
		To Load	Ctr Gvty				Lbs	VAC	
MH-302	150	15 in.		¼ hp	30"	12	85	110	60
MH-500	300	20 in.		½ hp	24"	10	200	110	60
MH-600	300	20 in.		½ hp	32"	13	210	110	60

Accessories:

- J40-218 Vacuum pressure protection switch.
- BJG-1830 Bell jar guard for Pyrex bell jar, non-magnetic with stainless steel mounting straps and elastomer bands to prevent bell jar slippage. Unit allows an 18" x 30" Pyrex bell jar to mount directly to CHA Industries hoist assembly.
- BJC-1821 Pyrex cylinder, 18" x 21" for CHA's EF75-020 tooling or customer's requirement.
- BJCG-1821 Pyrex cylinder guard. See BJG-1830 for description.
- Pyrex bell jars & cylinders 18" dia.
Stainless steel bell jars & cylinders, 19.5" to 32" dia.

