

Model **KCC-AR** WATER-COOLING CIRCULAR TYPE



**No heat generated**

KCC-35AR

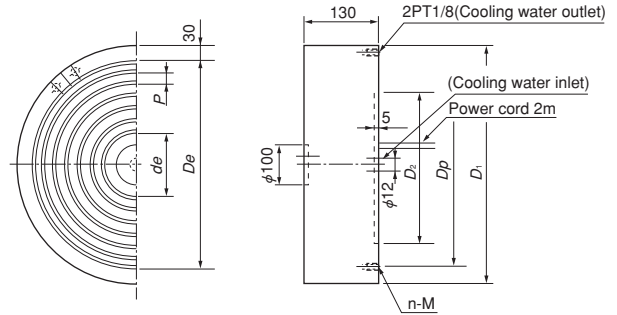
**Chuck controller required additionally**

[Application]

Suitable for grinding by rotary grinders.

[Features]

- Very little accuracy change. Kanetec's unique cooling mechanism minimizes temperature rise. Deformation of the chuck is minimized, thus making it most suitable for high precision grinding operations.



[mm (in)]

Model	Nominal Dimensions	Top Plate			Pole Pitch P	Bottom Plate				Height	Voltage	Current	Mass	Electro Chuck Master	Remarks
		D <sub>1</sub>	D <sub>e</sub>	d <sub>e</sub>		D <sub>2</sub>	D <sub>p</sub>	M	n <sub>1</sub>						
KCC-35AR	350 (13.7)	350 (13.7)	316 (12.4)	145 (5.70)	14 (3+11) (0.55)	200 (7.87)	250 (9.87)	M10	4 pcs	130 (5.11)	90 VDC	0.75A	82kg/180 lb	*ES-M103B ES-M305B EH-V105D EH-V205D EH-VE105D EH-VE205D Above models except for the one marked by *. <b>P17—P20</b>	
KCC-40AR	400 (15.7)	400 (15.7)	341 (13.4)	139 (5.47)		250 (9.87)	300 (11.8)	M12				1.00A	108kg/238 lb		
KCC-50AR	500 (19.6)	500 (19.6)	441 (17.3)	183 (7.20)		350 (13.7)	400 (15.7)	M12 (0.47)				1.70A	168kg/370 lb		
KCC-60AR	600 (23.6)	600 (23.6)	541 (21.3)	171 (6.73)		450 (17.7)	500 (19.6)					2.30A	250kg/551 lb		
KCC-70AR	700 (27.5)	700 (27.5)	641 (25.2)	159 (6.26)		550 (21.6)	600 (23.6)					3.20A	330kg/727 lb		
KCC-80AR	800 (31.5)	800 (31.5)	741 (29.1)	147 (5.78)		650 (25.5)	700 (27.5)					3.90A	430kg/948 lb		

※ Full-function chuck masters are available with both rectification and demagnetization functions. ※ If the magnetic force needs not be adjusted, use ES-M. ※ A cooler unit is required additionally.  
 ※ The chuck controller and clamp parts are not included. The KANETEC chucks work best when a KANETEC chuck controller is used.

Model **LCU** COOLER UNIT

Cooling water radiation and circulation unit



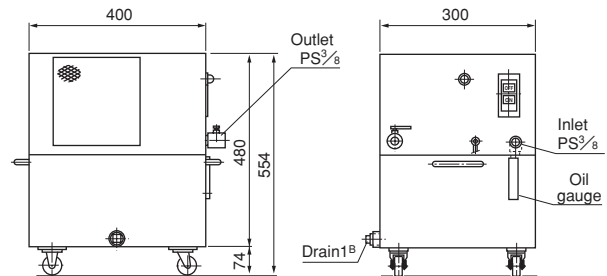
LCU-2

[Application]

An air cooler unit to cool and circulate coolant in cooling type chucks.

[Features]

- The flow rate can be adjusted with a valve.
- Simple and compact for easy installation.
- Synchronized with room temperature by an air cooled oil cooler.



[mm (in)]

Model	Discharge Amount	Overall Head	Power Source	Power	Dimensions	Tank Capacity	Mass	Accessories
LCU-2	10L/min	2m (78.7)	Single phase 100 VAC (50/60Hz)	70W	300 (11.8) × 400 (15.7) × 560 (22.0)	20L	30kg/66 lb	Power cable 3m (118)

※ The recommended coolant is automotive long life coolant.  
 ※ The electromagnetic chucks to use must be those that consume less than 300 W (90V, 3.3A).

ELECTROMAGNETIC CHUCKS  
 CHUCK CONTROLLERS  
 PERMANENT ELECTROMAGNETIC CHUCKS  
 PERMANENT ELECTROMAGNETIC CHUCKS  
 BLOCKS FOR MC  
 VACUUM CHUCKS  
 PROMELTA SYSTEM  
 SINE BAR CHUCKS  
 MAGNETIC BLOCKS  
 WORKING TOOLS  
 MEASURING TOOL HOLDERS  
 MAGNETIC HOLDERS  
 MAGNETIC TOOLS