

FT903 Immersion Cooler

with immersion probe for rapid cooling of liquids

JULABO immersion coolers are primarily employed for countercooling open bath circulators to ambient temperature or below as well as for rapidly cooling liquids. JULABO immersion coolers have a small footprint and represent an economic solution preventing tap water usage for cooling. Ease of operation make this model series the ideal instruments for a variety of cooling applications.

Your advantages

- Rapid cooling of liquids down to low temperatures
- Counter-cooling of liquids in combination with heating circulators
- Environmentally friendly by saving precious tap water
- User-friendly operation and handling
- Compact design, small footprint
- Dry ice substitution
- Integrated temperature control and display
- With external Pt100 sensor (200 x 6 mm dia., stainless steel)



Technical Data

Order No.	9650893											
Model series	FT Series											
Category	Immersion Coolers											
Working temperature range (°C)	-90 ... +30											
Temperature stability (°C)	±1											
Temperature Display	LED											
Cooling capacity (Medium Ethanol)	°C	20	10	0	-10	-20	-30	-40	-50	-60	-70	-80
	kW	0.3	0.29	0.27	0.26	0.25	0.24	0.23	0.21	0.18	0.13	0.05
Refrigerant stage 1	R404A											
Filling volume refrigerant stage 1 (g)	310											
Global Warming Potential for R404A	3922											
Carbon dioxide equivalent stage 1 (t)	1.216											
Refrigerant stage 2	R23											
Filling volume refrigerant stage 2 (g)	110											
Global Warming Potential for R23	14800											
Carbon dioxide equivalent stage 2 (t)	1.628											
Ambient temperature	5...40 °C											
Dimensions W x L x H (cm)	38 x 55 x 60											
Weight (kg)	50											
Cooling of compressor	Air											
Immersion probe	5.6 x 14.0											
Connection tube (L) cm	160											

Available voltage versions

230 V / 50-60 Hz