

Automatic Freeze-Thaw Cycle Unit

IWB-420 CCK

- Air freeze and water thaw in one unit
- EN 1348:2007
- EN 10545-12:1995
- EN 539-2:2013
- Air temperature range
- 25 °C ... + 50 °C
- Forced air circulation with fan
- Automatic water feed and drain
- Water temperature control
- Forced water circulation
- Water spray top down or feed bottom up
- Product under test temperature control and monitoring via replaceable thermocouple



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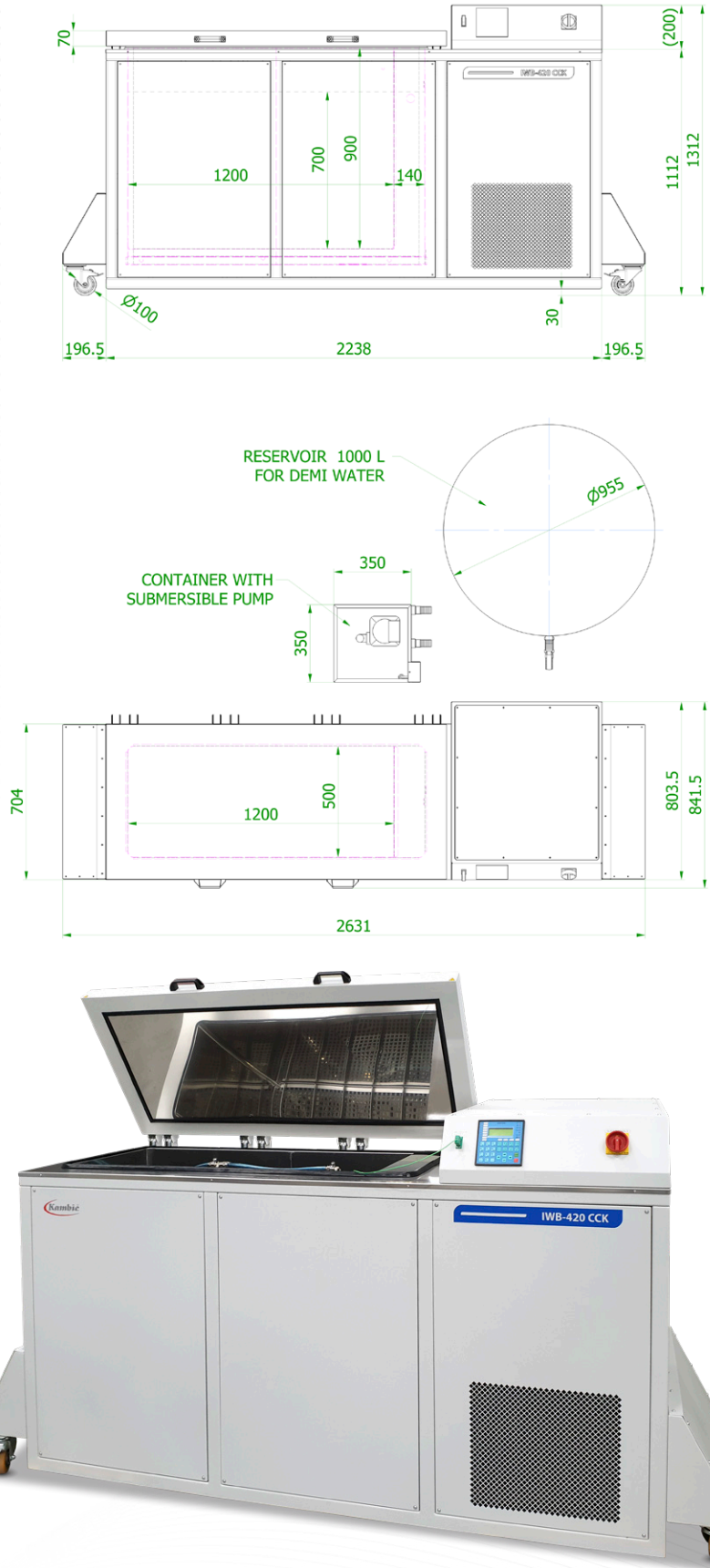
Device Specifications:

- Digital PID temperature control
- All round edges interior design
- All stainless steel interior
- All exterior in galvanized and powder coated steel RAL-7035
- Extensive heat insulation shield on all chamber sides and doors
- System including 1000L water tank for water reuse
- System on wheels for simple and affective repositioning



Technical Data:	IWB-420 CCK
External dimensions (WxDxH)	2630 mm x 842 mm x 1312 mm + water tank 1000 L
Chamber dimensions (WxDxH)	1200 mm x 500 mm x 900 mm
Chamber dimensions with water (WxDxH)	1200 mm x 500 mm x 700 mm
Working air volume	≈ 540 L
Working water volume	≈ 420 L
Air temperature range	- 25 °C ... + 50 °C
Water temperature range	+ 5°C ... + 30 °C
Air temperature display	Digital 0.1 °C
Water temperature display	Digital 0.1 °C
Product under test temperature display	Digital 0.1 °C
Cycle control	Plc based » fully programmable« via intuitive HMI
Air circulation	Forced with fan
Thaw in water	Water spray top down or feed bottom up
Heating	Resistance heaters
Cooling	Air cooled compressor based system
Power supply	3 X 400 V/50 Hz
Wattage (W)	7200

Dimensions:



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