

CONTROL YOUR FLOW.



SIMPLE • INTUITIVE • SMART ENGINEERING

ONE SYSTEM. MANY ADVANTAGES.

In many production processes, mold temperature control is crucial for component quality and the productivity of a production facility.

The flow rates in each individual cooling circuit have a major influence on the temperature control. Huracan Flow Control helps you to measure this in each cooling circuit and is not only giving alarm signals, but also processes all data from the measurements.

Huracan Flow Control is characterized by its contactless measuring principle and its intuitive control, which is based on the latest industry standards, ready for Industry 4.0.

Find further information on
[HURACAN-FLOW-CONTROL.COM](https://www.huracan-flow-control.com)

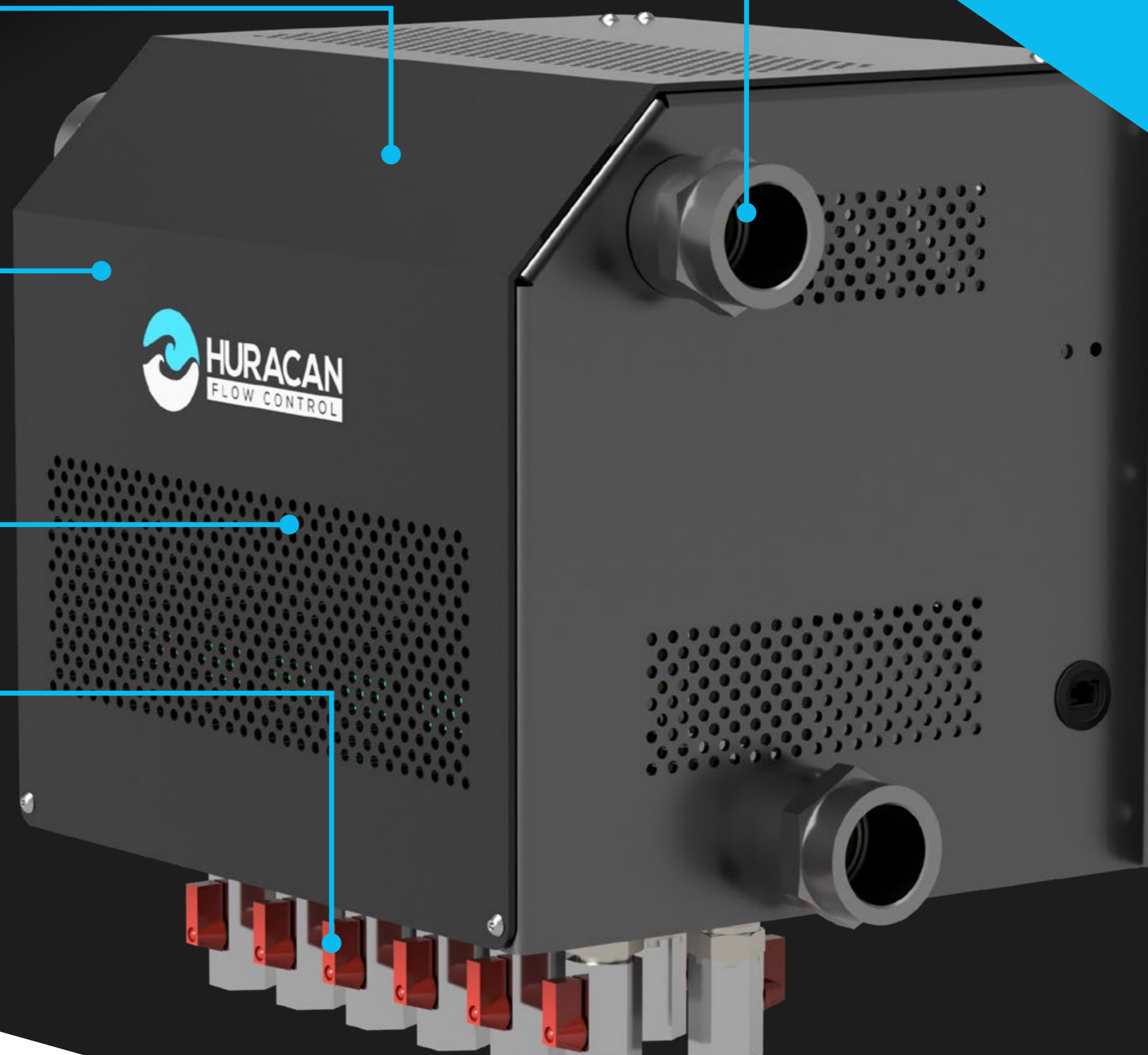
HIGH-SENSITIVE AND
PRECISE SENSORS

STAINLESS STEEL CASE.
OPTIONAL IN YOUR
PREFERRED COLOR.

MAINTENANCE-FREE
DOUBLE-ULTRASONIC
FLOW SENSORS

QUICK AND EASY
FLOW REGULATION

CENTRAL DISTRIBUTION BY OPTIMALLY
DIMENSIONED MANIFOLDS



LARGE SCREEN FOR A CLEAR
USER INTERFACE

NETWORK CONNECTION
FOR REMOTE CONTROL

USB INTERFACE FOR
EASY DATA EXPORT

RESISTIVE TOUCH: CAN ALSO
BE OPERATED WITH GLOVES

HIGH RESOLUTION DISPLAY
(16:9 FORMAT)

REMOVABLE SDHC MEMORY CARD
WITH A RECORDING
CAPACITY OF 5 YEARS*

* depending on the daily recording time and the number of tools created

EASY. READY FOR IMMEDIATE USE.

Choose the solution that's right for you: whether for wall mounting, or close to the mold and directly at the action. As soon as power is applied the system is ready to use right out of the box.



INTUITIVE. CLEAR.



Define the upper and lower limits and set the target values for each circuit.



Active collectors are automatically detected and visualized.



Manage tool configurations, notes and favorites with just one single click.



Control of all existing and past alarms with CSV-Export and acknowledgment feature.



View all measured values on screen in real time.

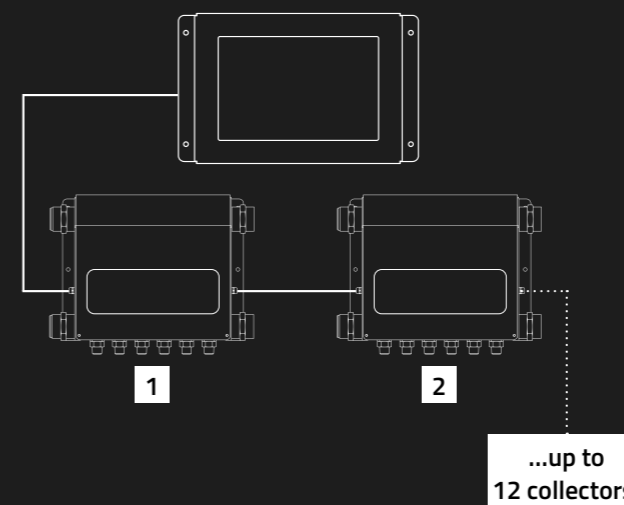


Differences are displayed immediately and signaled acoustically.



Support for different languages, switchable at any time.

SIMPLE. PLUG IN. READY.



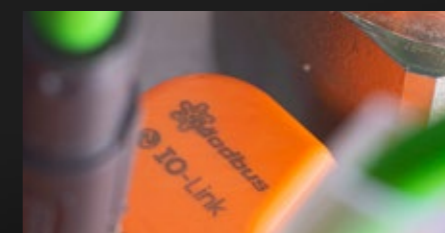
Let yourself be inspired by the easy expandability of the Huracan system. Unpack, plug in, done! Completely without time-consuming programming and wiring. The system immediately detects each additional HRC collector. Up to 12 HRC Pro can be connected to each other for monitoring 72 circuits with a single HMI.

Just „Plug ‘n’ Play“!

SMART. DOWN TO THE LAST DETAIL.



Status light with 95 dB alarm tone for easy system status monitoring.



IO-Link components from well-known manufacturers.



Individual housing color, matching your companies corporate identity (optional).

MODERN. SAFE. RELIABLE.

Technical specifications:

- 6 – 72 cooling circuits
- 1 1/4" Inlet and return
- 1/2" cooling circuit connections
- Measuring range 1 – 60 l/min
- PT1000 temperature sensors
- Temperature range 5°C to 120°C
- Pressure range max. 8 bar
- IO-Link technology

Flow sensor:

- State-of-the-art double ultrasonic flow sensor
- Contactless measurement
- Maintenance free, no machine downtime
- Integrated display with status LED
- No risk of contamination, pressure loss or leaks

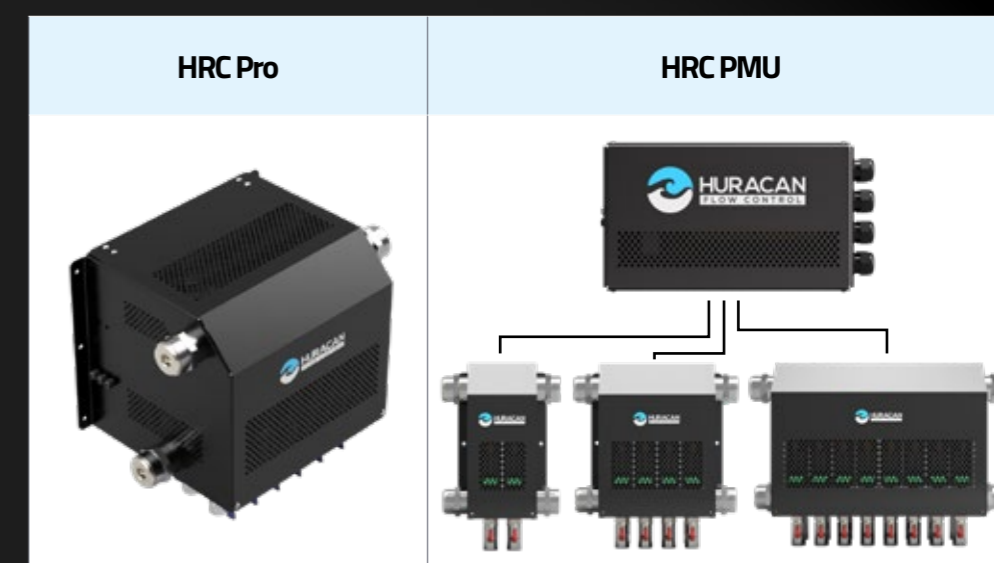
Control unit & visualization:

- Screen resolution 1024 x 600 Pixel
- Resistive 10" touchscreen
- 64GB memory size
- Simple and intuitive user interface
- Storage of individual tool data records
- Logging of warning messages
- Possibility to monitor the entire production at any workstation (requires network connection)
- Integrated USB and Ethernet interfaces

Optional:

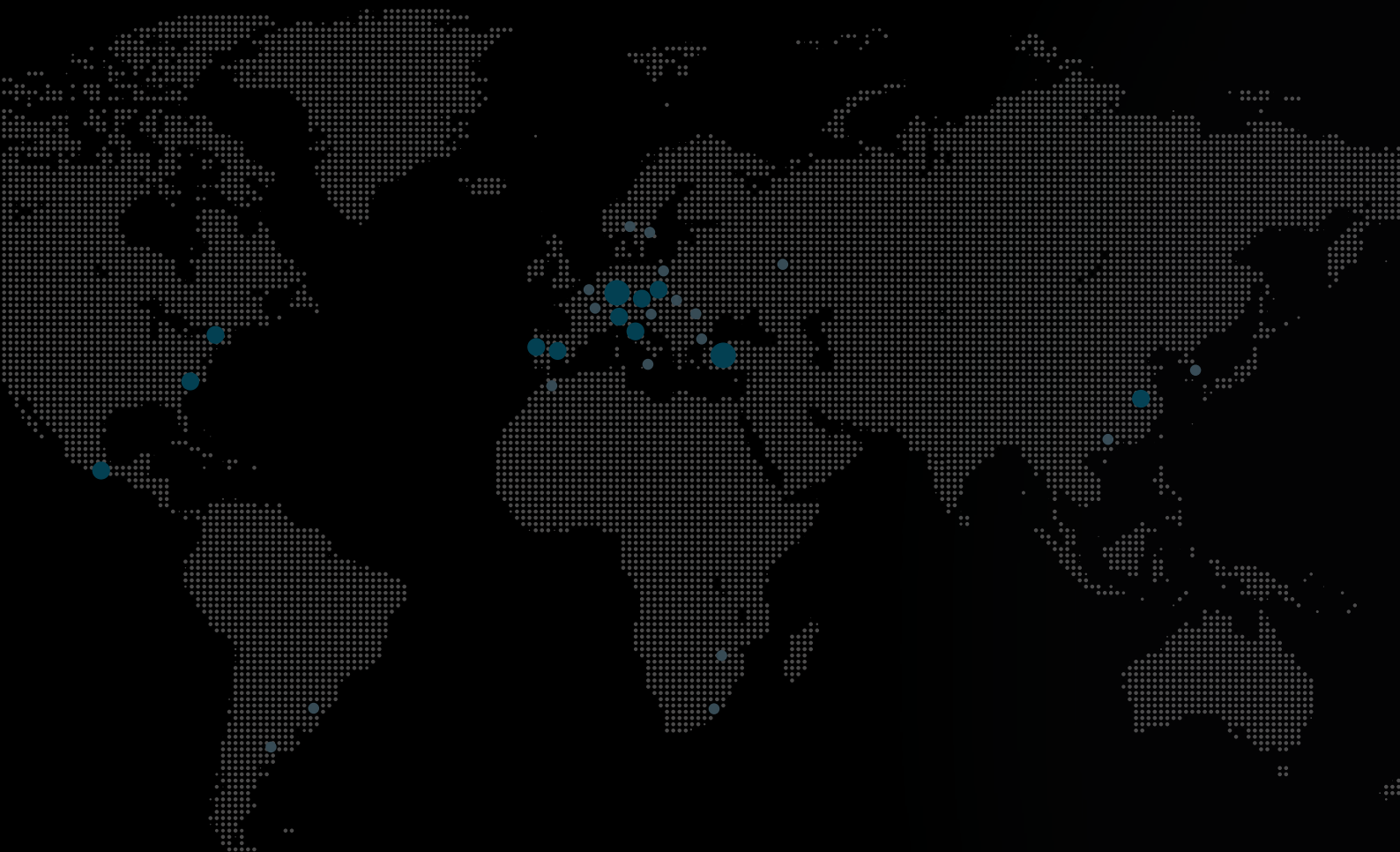
- Machine connection via OPC UA
- Connection to external databases (SQL, ...)
- Stainless steel display housing for wall mounting
- On-site assembly service

VARIABLE. FLEXIBLE USE.



	HRC Pro	HRC PMU
Dimensions in mm (H/W/D)	approx. 305 x 405 x 305	individual
Stainless steel housing	✓	✓
Individual housing color	✓	✓
Extendable up to	72 circuits	72 circuits
Circuits/unit	6	1-12
Manifold	internal	external
Advantage	All-in-one	Flexible usage, for multiple temperature zones

GLOBAL PRESENCE – INTELLIGENT SOLUTIONS



HURACAN FLOW CONTROL
is a product of

rtc
COUPLING TECHNOLOGY

www.huracan-flow-control.com

10/2020

Changes and errors excepted

HRC-A4-125-EN-V2