

Vacuum calibrating units *(Small diameter range)*



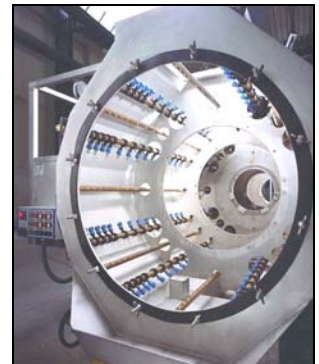
Vacuum calibrating bath V 800 VA

Construction principle

This series, which currently consists of twelve models of different sizes, is the result of the development of a new generation of vacuum calibrating units.

Formerly, the round vacuum chambers were made from a steel pipe with an outer layer applied in a resource-consuming process. Today, the vacuum chambers are designed in stainless steel sheet with a multi-sided configuration. In addition, all water pipes are now made from stainless steel or brass.

The new design of the series yielded a product that is visually attractive, easily maintained and engineered for operational ease.



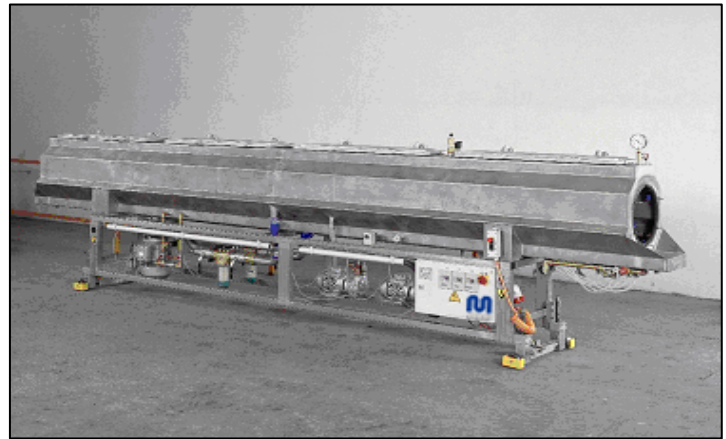
Bayonet-spray nozzles for an intensive cooling process

Vacuum calibrating units

(Small diameter range)

Other features

- Stable vacuum due to the patented vacuum quick regulation system
- Precise temperature control due to cold water cooling
- Tank body constructed with stainless steel body with anodized cast aluminum lids
- Outer pipe systems made of stainless steel for optimum flow conditions
- Minimized pressure loss between circulating pump and spray nozzles
- Subframe mounted on track rolls
- Height adjustment and lateral positioning



Vacuum calibrating unit for low diameter range

Technical Report

Type	V 63 VA	V 125 VA	V 160 VA	V 250 VA	V 400 VA	V 500 VA
Max. pipe diameter [mm]	63	125	160	250	400	500
Min. pipe diameter [mm]	10	20	20	40	50	140
Length of cooling chamber [mm]	5800	5500	5500	5500	5500	5500
Number of vacuum pumps [pcs.]	1 x 0.75	1 x 1.5	1 x 1.5	2 x 1.5	1 x 1.5	1 x 1.5
Pump Capacity [kW]					1 x 3.0	1 x 3.0
Cooling water pumps [pcs. X kW]	1 x 3	1 x 5.5	1 x 5.5	1 x 5.5	2 x 3.5	2 x 3.5
Number of spray nozzles	88	114	148	148	174	180
Water throughput [m ³ /h] at a nozzle pressure of 2.5 bar	18.5	24	31	31	37.8	37.8
Connected load [kW]	4.12	7.37	7.37	8.87	12.25	12.25
Extrusion Height, standard [mm]	1080	1080	1080	1080	1080	1160
Length [mm]	5960	5900	5900	5900	5900	5900
Width [mm]	600	760	760	760	1070 (1870)*	1070 (1870)*
Height > extrusion height [mm]	200	310	510	510	690	690
Weight [kg]	500	1000	1410	1400	2400	2400

*Measures in () include attached walkway

In the interest of continuing development, we reserve the right to amend any specification without notice.



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