

	<b>C14/H3 collector "AT". The result from 35 years of construction, installation, commissioning, maintenance and repair of more than 250 C14/H3 collectors throughout the world</b>		
	<b>35 years of international experience and 35 convincing arguments</b>		
1	Tested active and passive electromagnetic compatibility and correct conformity declaration as a matter of course!	✓	
2	<b>Continuous sampling with tried-and-tested piston pumps from up to 600 mbar underpressure ...</b>	✓	
3	... and hence a slow, continuous flow of gas through the catalyser guaranteed!	✓	
4	<b>Mass throughflow measurement</b> with totalisator currently shows the collected volumes	✓	
5	Both sides of the pump cylinder are being used and hence ...	✓	
6	... there is no open connection of the process to the environment!	✓	
7	... a static seal tightness test is completely sufficient	✓	
8	A dynamic seal tightness test can be performed if required	✓	
9	Apart from the main switch and 2 control lamps, all equipment is protectively arranged in the interior of the cabinet	✓	
10	Control displays for volumes, heater temperature, pressures and throughflow display can be viewed through a window at any time	✓	
11	Individual lockable doors are not necessary	✓	
12	"Change switch" stops pumping operations while the containers are being exchanged, and reset the totalisator	✓	
13	Maintenance switch stops pumps for maintenance work, and for seal tightness tests or repairs	✓	
14	Thanks to the radiation protection, mixing, stock or buffer containers can be measured	✓	
15	<b>Stock or buffer containers can be decontaminated</b> ; technologies, such as collecting container "AT"	✓	
16	Thanks to the clearance width of 45 mm, if necessary, a visual inspection of the buffer containers can be easily performed	✓	
17	The collecting and buffer containers which are used are an in-house production and <b>conform with KTA</b> ,	✓	
18	Clear, uninterrupted pressure monitoring with max and min contacts	✓	
19	It is not necessary to count strokes for detecting leakage or blockage	✓	

20	Exact displays of disturbances to pressure, throughflow quantity, heater temperature and data loggers with four LEDs	✓	
21	Direct recording of real number of strokes using reed contact on the pump cylinder and display on a stroke counter	✓	
22	The seal tightness test is performed easily and consistently separated for both circulation systems –	✓	
23	2 pneumatic switches with clear settings for testing and operating are used for each of the process stages	✓	
24	The collecting containers are arranged <b>frontally and therefore easily accessible</b> on the fitting plate	✓	
25	Secured against mixing up the containers organic - inorganic	✓	
26	Collecting containers are also tested for their seal tightness during the WKPs	✓	
27	<b>Separate test bottles are not necessary</b> (if required, we also supply 2 empty test collection containers)	✓	
28	Temperature problems no longer occur during the seal tightness test	✓	
29	Without fragile plugs and connection sockets for the recommended collecting containers	✓	
30	Thanks to the radiation protection, perfectly <b>capable of being decontaminated!</b>	✓	
31	The connections of the recommended collecting containers "AT" are robust, break-free and can be decontaminated	✓	
32	Optional: data logger writes, triggered by each stroke, system pressures and cabinet temperature	✓	
33	Catalytic heaters from in-house production	✓	
34	Space-saving design, cabinet depth only 300 mm	✓	
35	The wiring and hose system of the collector is produced in-house without outside companies or service providers	✓	

