

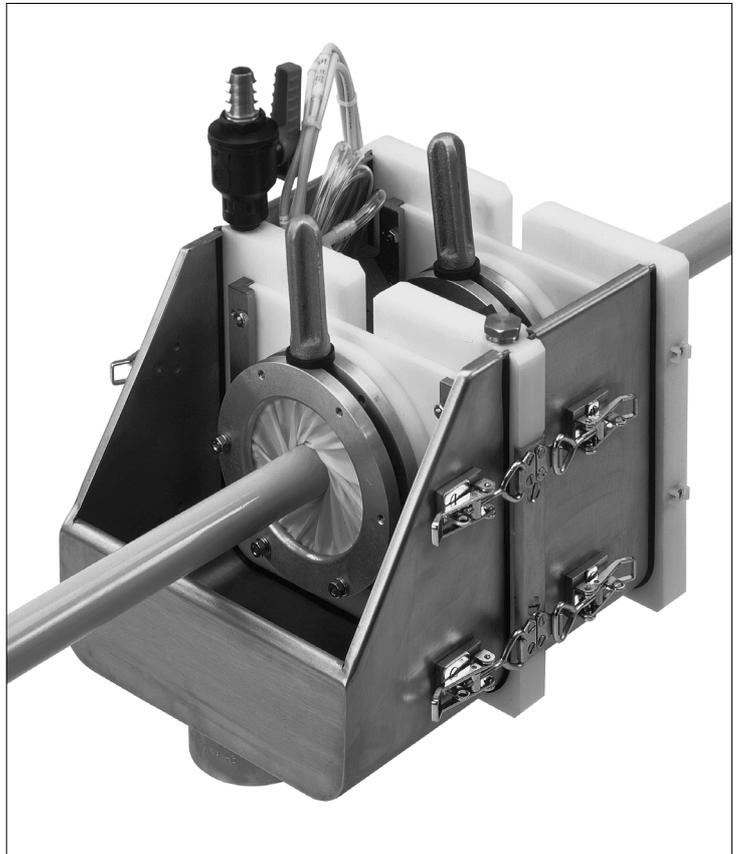
Ultrasonic Non-Contact Wall Thickness Scanner

For plastic or elastomer extrusion of single conductors, small cables, pipes and tubing

The unique design of the UMAC® A35PB-4K ultrasonic wall thickness scanner offers true non contact wall thickness measurements of insulated medium and large conductors, cable jackets, small pipes or tubes immediately after the extruder.

Measuring close to the extruder, where the product orientation is stable and free from rotation, allows for most efficient centering. The result of any die adjustments made will be displayed instantly representing a valuable guide for the operator. Start-up scrap is reduced to a minimum.

The quick controller response achieved by the close proximity to the extruder will keep the product within specifications during ramp-up and ramp-down phases. This rugged scanner includes a stainless steel water basin and is configured for easy installation onto the existing trough section. The water basin is conveniently held in place by latches and allows for quick removal for maintenance and cleaning purposes.



The transducer holders incorporate a simple yet effective rinsing system to keep the transducers free from impurities, deposits and air bubbles. The four measuring points are oriented at 90 angular degrees from each other with a 45 degree offset from the vertical and horizontal plane, which corresponds to the location of most extruder centering screws.

Specifications		
Product range (diameter)	5...35 mm	(.2...1.37 in.)
Product clearance	63 mm	(2.5 in.)
Wall thickness range*	0.76...10 mm	(.03... .4 in.)
Freedom of product position	± 12.7 mm	(± .5 in.)

*Based on hot measurement of PE, PVC and similar materials.

System Expansions

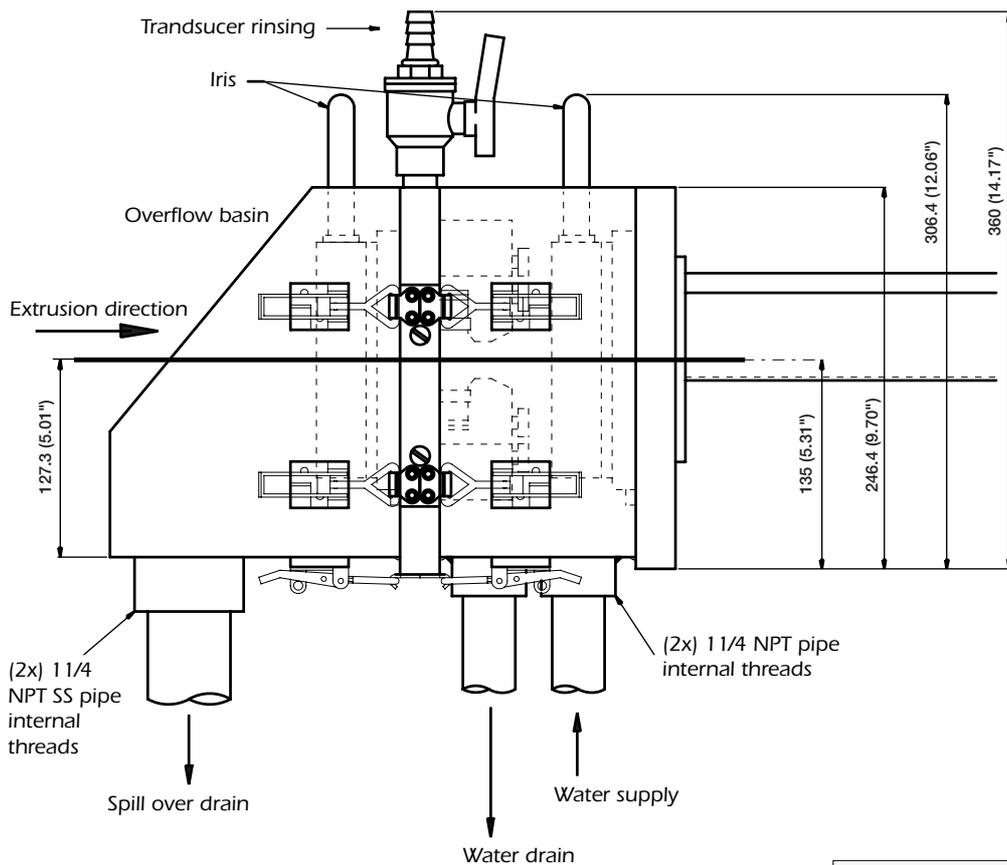
ZUMBACH manufactures a wide array of precision instruments for industrial applications.

- Measuring electronics and processors: UMAC®-OEM, UMAC®-8K, UMAC®-ECOWALL, UMAC®-OEM/USYS 5002, UMAC®-OEM/USYS 10000, UMAC®-CI, WALLMASTER etc.
- ODAC®/USYS Non-contact diameter measuring instruments for on-line or off-line use. These systems can provide you with flawless SQC/SPC reports on the final diameter of your product.

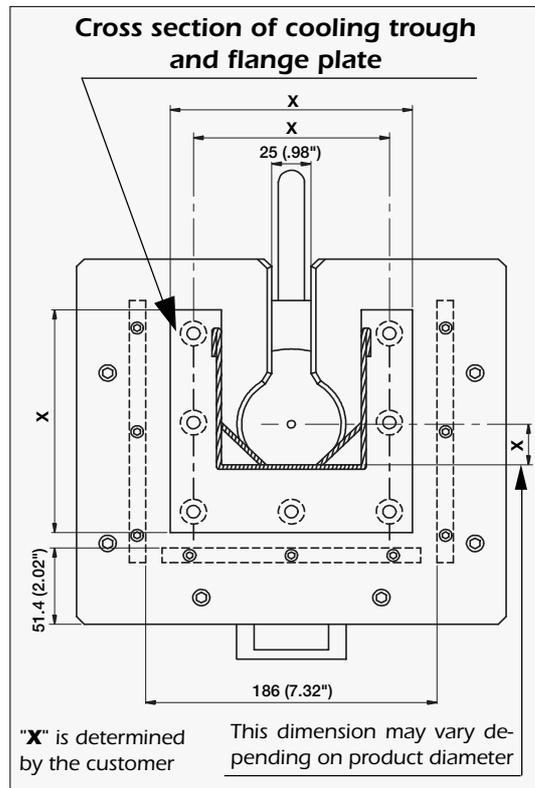
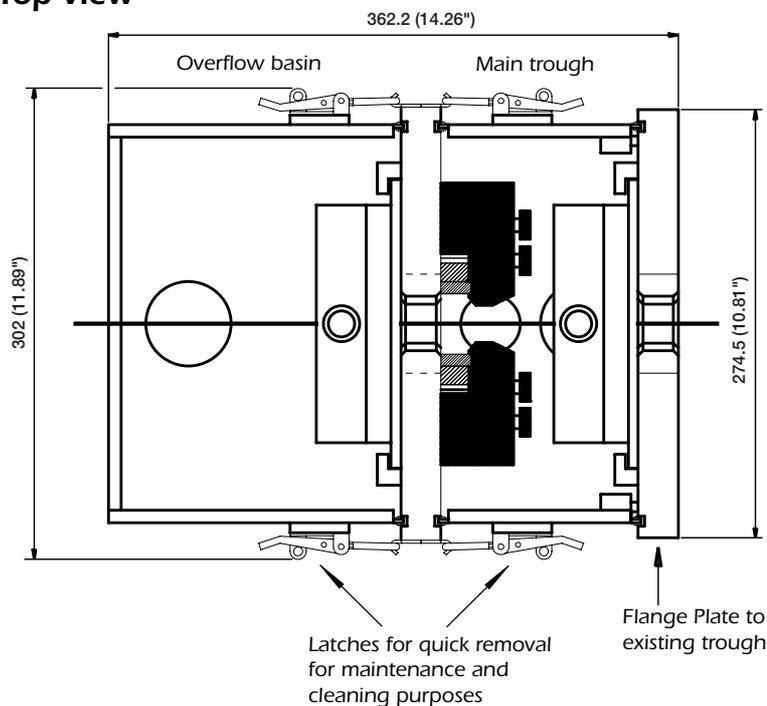
For more details on UMAC® processors and ODAC®/USYS systems, please ask for the respective ZUMBACH documentation.

UMAC® A35PB-4K Dimensions

Side view



Top view



Dimensions in mm (in.)

▪ Technical specifications are subject to change without notice

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