

Ultrasonic Non-Contact Wall Thickness Scanner

For cables, pipes and tubing made of plastic or elastomers

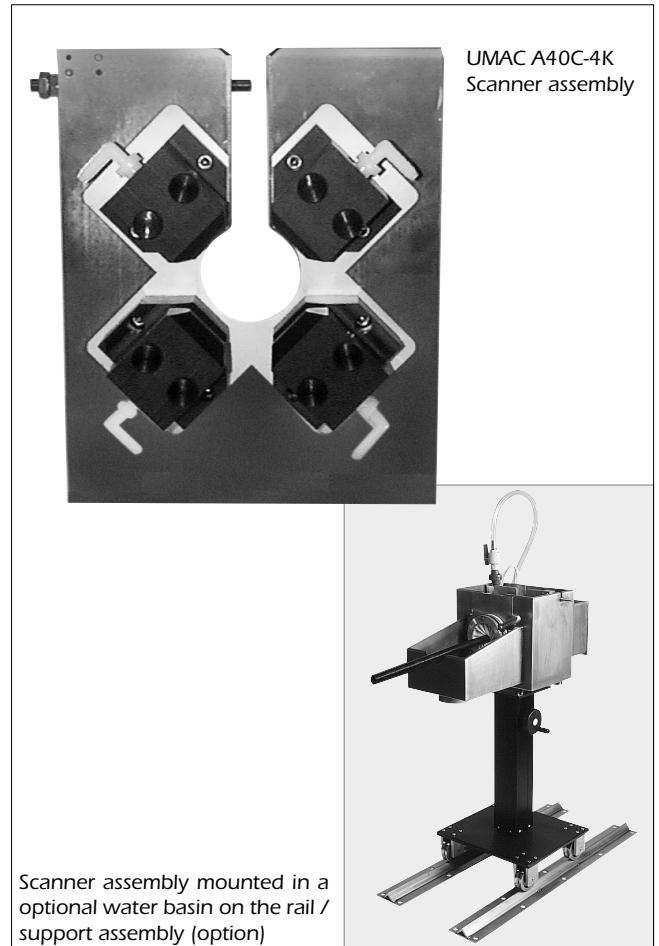
The design of the UMAC® A40C-4K ultrasonic wall thickness scanner offers true non contact wall thickness measurements of cable jackets, small pipes or tubes directly at the extruder.

Measuring close to the extruder where the product orientation is stable and without rotation, allows for most efficient centering. The result of any **die adjustments made will be displayed instantly guiding 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 ramping phases.**

This rugged stainless steel scanner is submerged in water and installs quite easily into an existing trough. An optional water basin, complete with iris water dams and spillover catch basin, is available to mount the UMAC® A40C-4K in front of an existing trough.

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 90 angular degrees from each other with a 45 degree offset from the vertical and horizontal plane, corresponding to the location of most extruder centering screws.

Specifications		
Product range diameter	5...40 mm	(.2...1.5 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 measurements of PE, PVC and similar materials

▪ Technical specifications are subject to change without notice

Options: – Water basin including iris water dam and spillover catch basin
– Support / rail assembly for water basin

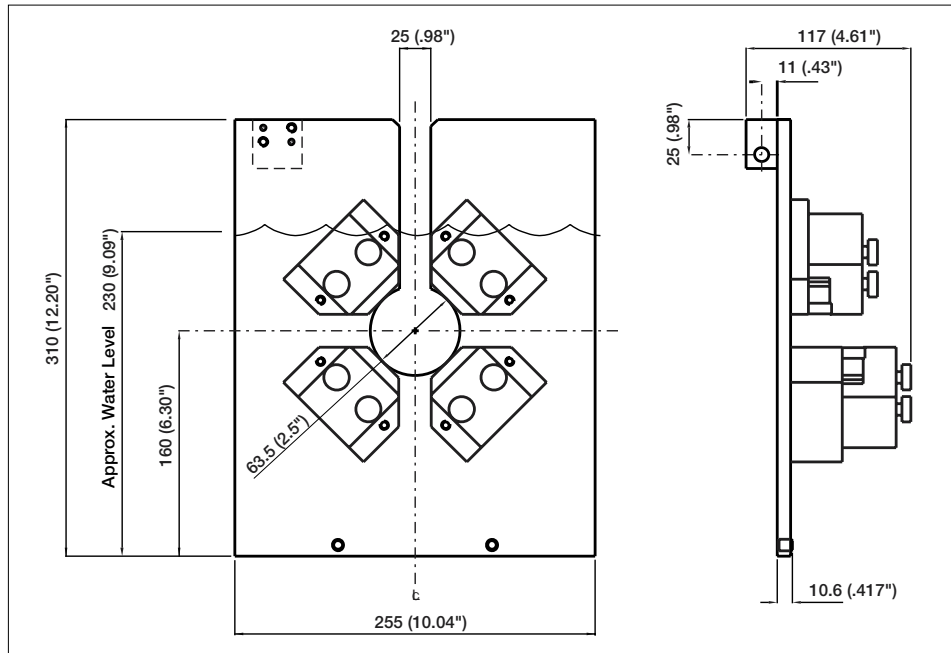
System Expansions

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

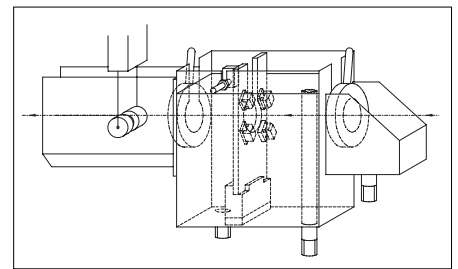
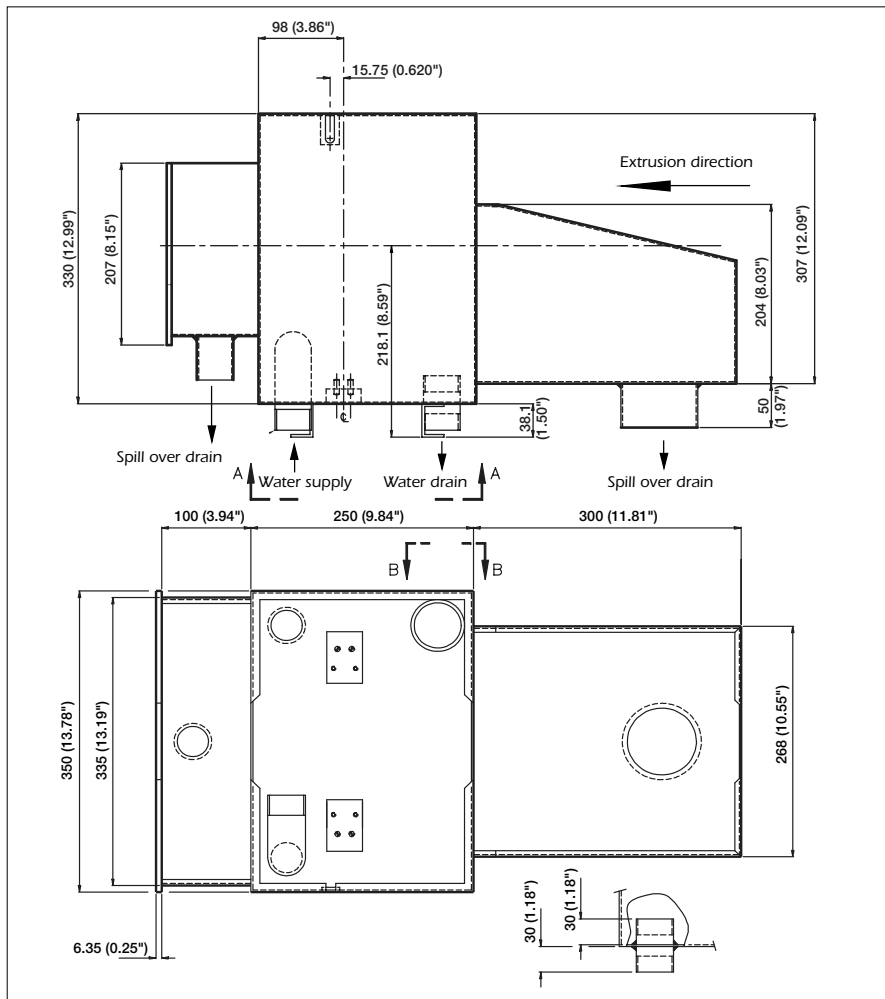
- Measuring electronics and processors: UMAC®-OEM, UMAC®-8K, UMAC®-ECOWALL, UMAC®-OEM/USYS 5002, UMAC®-OEM/USYS 10000, UMAC®-CI, WALLMASTER etc.
- ODAC®/USYS Non-contact diameter measuring instruments for on-line or off-line use. These systems can provide you with flawless SQC/SPC reports on the final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

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

UMAC® A40C-4K Dimensions



Installation in optional water basin:



Dimensions in mm (in.)

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UMAC.007.0007.E
 DEC. 2001