

Our scanner for inspection of metal plates is designed in light alloy with six wheels, three of which are swivel wheels.

The probe is mounted onto a double-articulated shoe; as an alternative, it is possible to build a shoe holding two or three probes.

The coupling fluid is given due to falling and directly exits into the shoe.

In case of using multiple probes, a passive mixer is used. By means of a manual selector, this mixer allows to use the probes individually or simultaneously, with the possibility to adjust the signal amplitude for each probe.



## PASSIVE MIXER

A passive mixer is used to work with multiple transducers on a single-channel instrument.

It can equalize the gains by attenuating the signal of each transducer individually. This is adjusted to the transducers frequency, which must be the same for all of them.



## ACTIVE MIXER

An active mixer is used to work with multiple transducers on a single-channel instrument.

It can equalize the gains by attenuating or amplifying the signal of each transducer individually. It is broadband and can work with probes of different frequencies.

