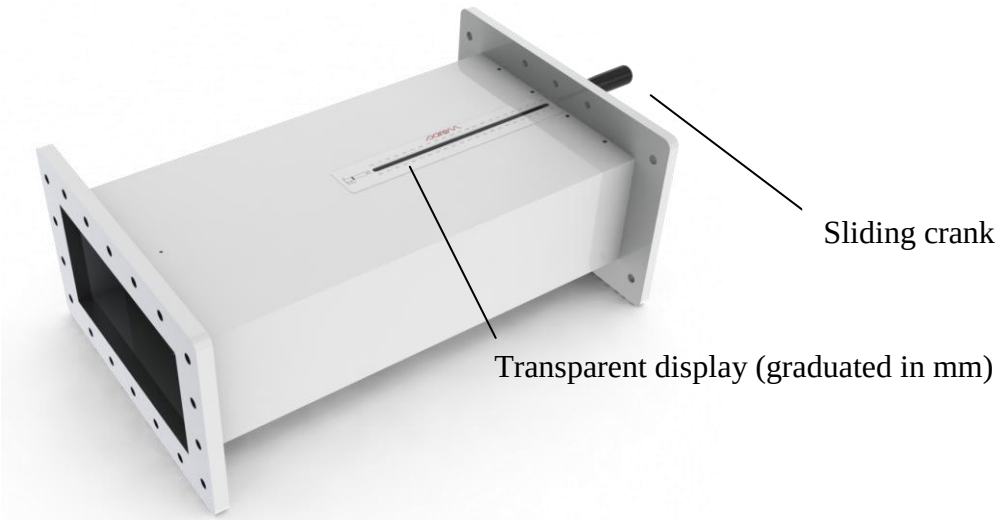
SLIDING SHORT CIRCUIT
PCCMWR975L220VMR1PE



The sliding short circuit PCCM WR975 L220 VMR1PE can be used in connection with a hybrid T for the tuning of microwave applicators at high power; the sliding short circuit can be also used in tuning applications for the adjustment of the resonance frequency of a monomode cavity.
The tuner consists of a waveguide WR975 with standard flange at one end and a short circuit (sliding cup) that can be moved inside the guide; there is a handle to drive the movement of the sliding short circuit. The position of the short circuit can be read on the visual (graduated in millimetres) display situated on the superior part of the waveguide. This display is made out of a transparent material that allows a good seal of the waveguide in order to protect its functionality & integrity (stops dust and other objects fall inside the waveguide).
The short circuit features SAIREM's innovative λ/4 without contact.

REF	**PCCMWR975L220VMR1PE**
Frequency	915 MHz / 896 MHz / 922 MHz ± 5 MHz
Microwave power	Max. 100 kW
Connection	Flange WR 975
Short circuit	¼ λ without contact
Tuning	Via hand crank (retractable handle) - the sealed display shows the distance between the end flange and the microwave short circuit (sliding cup).
Tuning length	220 mm, (λg/2)
Material	Waveguide: aluminium alloy (painted) and sliding cup: brass
Weight	cca 19.5 kg

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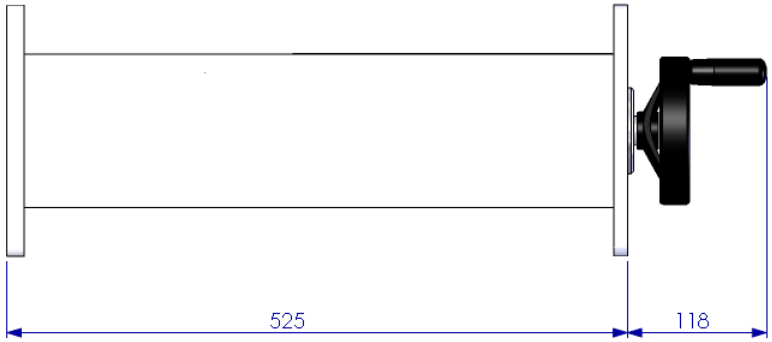

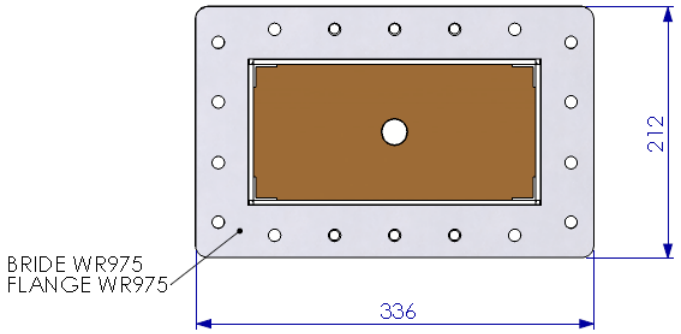

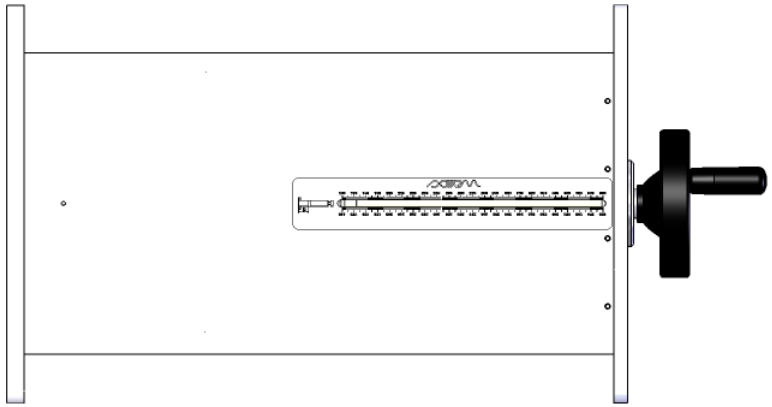

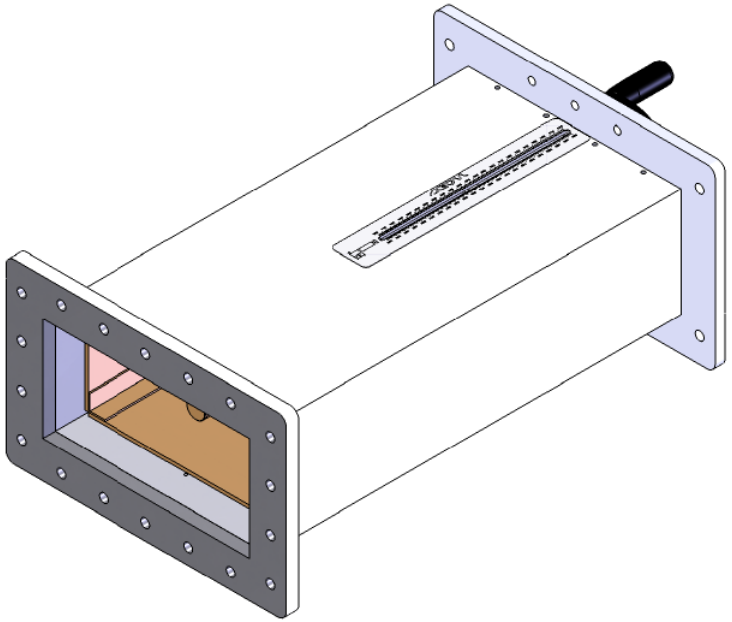

Course/ Travel : 220mm

INDICE	DATE	DESSINE	VERIFIE	APPROUVE	MODIFICATION DU DESSIN
A	21-02-11				EMISSION ORIGINALE

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FORMAT: A3

ECHELLE : 1:4

WEIGHT:

TITRE:
PCC MAN 915 MHz

DESSIN NO.
507-ens

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