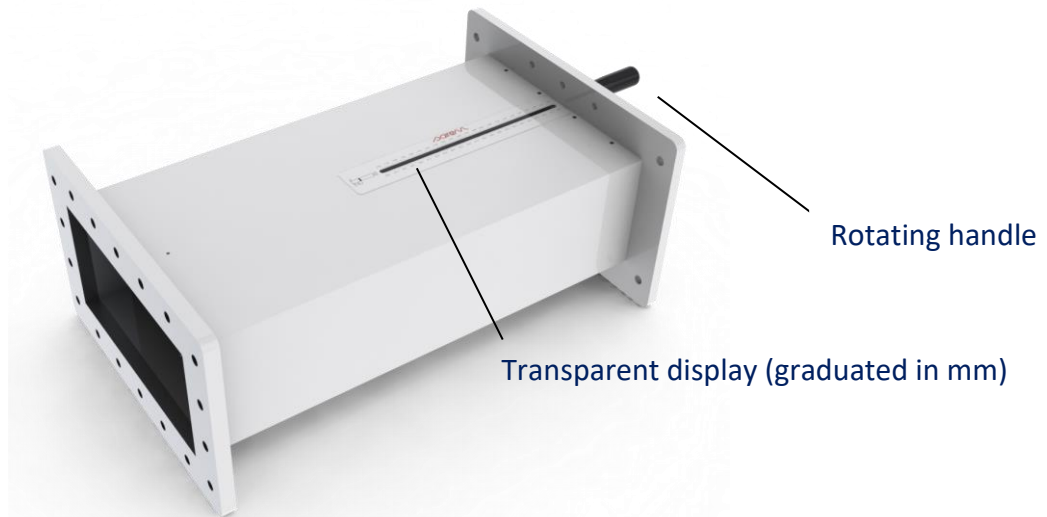


915 MHz MANUAL SLIDING SHORT CIRCUIT

WR975



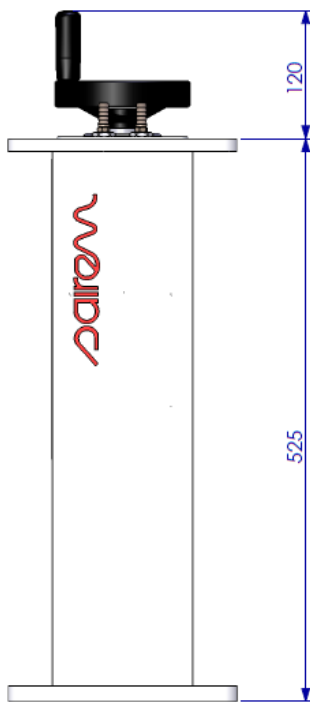
The sliding short circuit PCCM WR975 L230 VMR1PE can be used in tuning applications for the adjustment of the resonance frequency of a monomode cavity; the sliding short circuit can be also used in connection with a hybrid T for the tuning of microwave applicators at high power.

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 rotating handle to drive the movement of the sliding short circuit. The position of the short circuit can be read on the visual display graduated in mm situated on the upper part of the waveguide. This display is made out of a transparent material enabling both a good reading of the sliding cup position and also a good mechanical seal in order to assure the wave guide good operation (stops dust and other objects fall inside the waveguide).

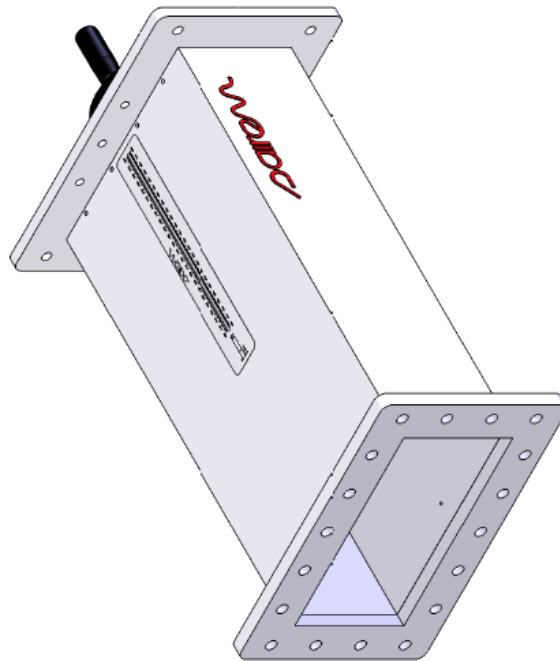
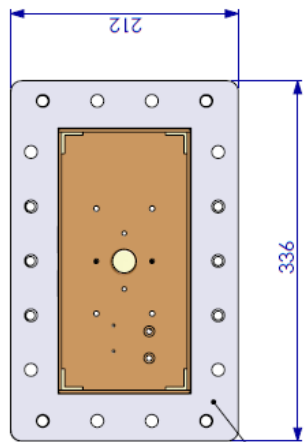
The short circuit features SAIREM's innovative $\lambda/4$ without contact.

Technical specifications

REF	PCCMWR975L230VMR1PE
Frequency	915 MHz / 896 MHz / 922 MHz \pm 5 MHz
Microwave power	Max. 100 kW; water-cooled flange may be required (optional)
Connection	Flange WR 975
Short circuit	$\frac{1}{4} \lambda$ without contact
Tuning	Via rotating handle - the sealed display shows the distance between the end flange and the microwave short circuit (sliding cup).
Tuning length	230 mm, ($\lambda g/2$)
Material	Aluminium alloy waveguide (painted) and brass sliding cup
Weight	19.5 kg



BRIDE WR975
FLANGE WR975



Course/ Travel : 230mm

INDICE	DATE	DESINE	VERIFE	APPROUVE	MODIFICATION DU DESSIN
B	05/10/2017	BDE			MAJ COURSE 230
A					EMISSON ORIGINALE

sairem		PCC MAN 915 MHz	
12, Porte du GRAND LYON 01707 NEYRON Cedex - FRANCE Tel: 04 72 01 81 60 Fax: 04 72 01 81 79 www.sairem.com		FORMAT: A3	TITRE:
		ECHELLE: 1:4	DESSIN NO. 507-ENSA REPROIDIE
		WEIGHT: 15750,20	