

## Detailed Specification of the Subject of the Order

The subject of the contract is the purchase and delivery to the customer's premises of the following elements: three-phase magnetron modulator and picking box

I Technical parameters:

Three-phase magnetron modulator		
	Required parameter	Parameters offered
Magnetron RF peak power:	Up to 3,1MW	
Modulator type	„Solid state“	
Modulator peak power:	Max. 6,2MW	
Modulator average power:	Max. 8kW	
Pulse voltage	30-52kV	
Pulse current	30-120A	
Modulator voltage stability	≤ 0,4%	
Top flatness	< ± 2%	
Pulse repetition frequency range	0 - 500Hz	
Pulse lenght	Max. 5us	
Rate of voltage rise	80-120kV/s	
Control interface	Ethernet	
Possibility of powering the magnetron:	MG6090 E2V Company	
Cooling	Water	
Power supply	3x400VAC, 50Hz	
Additional functions	automatic reduction of filament current with an increase in average magnetron power	
	High voltage cable – 2m including connectors	
Weight	<150kg	
Picking box		
Local energy storage for controlled start of magnetron	YES	
Dimensions [mm]	No more than 366x382x212	
Possibility of powering the magnetron:	MG6090 E2V Company	

Any changes in the production process and materials used, which may affect the technical parameters of the Equipment, must be accepted by the Ordering Party, which is required by en ISO 13485:2016, to which the Ordering Party is obliged to comply.

II Documents:

Document type	Required	Offered
declaration of conformity to the CE mark	YES/NO	
Manual	YES/NO	
Final inspection protocol	YES/NO	

III Training:

Type of training	Required	Offered
The ordering party requires the necessary remote consultation in the start-up of the installation and operation of the device	YES/NO	

IV Pickup:

- after delivery there is a quantitative reception (on the basis of the collection protocol – annex)
- after installation, the operation and performance will be checked,
- from each receipt, acceptance protocols shall be drawn up containing any arrangements made in their course.

V Warranty conditions:

- The Contractor grants the Ordering Party a guarantee for a period of 1 year from the date of delivery to the Ordering Party.
- The Contractor is obliged to remove at his own expense any defects found within the period specified by the Ordering Party. Defects in the devices will be reassessed at the place of use. In case of need to transport the Device or part of it to remove the defect, the transport will take place at the contractor's expense.
- Notification of defects will be made in writing or to the e-mail address indicated in § 9 para. 1 point b) of the Agreement.
- The Contractor's response time to the Ordering Party's notification shall not exceed 7 days. The reaction means diagnosing the reported defect and specifying the period necessary for its removal, not more than 14 days.
- The device notified by the Ordering Party to rectify the defect before the warranty period is subject to repair under the conditions described above.
- The duration of the warranty is extended each time by the duration of the defect, that is, the time calculated from the date of notification of the defect by the Ordering Party to the date of removal of the defect. Moreover, once the defect has been rectified, the warranty period for the parts mentioned shall run again.
- The Contractor will provide warranty service