



**POLICON**  
*Engineering & Manufacturing*

***Device for auto determining  
the dimension and model  
of the tire***

Device for automatically determining the dimensions and model of tyre for the modular measurement system of the tire. Designed to automatically determine the geometric dimensions and type of radial passenger tires with a boarding diameter of 13 to 18 inches.



### The equipment includes:

- Technical vision camera
- Control system with HMI control panel
- Light measuring system for measuring the geometric parameters of the tire
- A set of brackets, a camera lifting and lowering unit, a tire stopping and centering unit, and a protective fence



The principle of operation of the device is to determine the overall dimensions of the tires moving on the roller through the supplied device with a light measuring system. The tire stops and centers in a specific location using two gate flaps to determine the type of tread by the technical vision camera.



## Technical Specification:

Landing diameter of the side of the determined tires, inch.....	13-18
Power supply: voltage, V.....	220
Air pressure in the pneumatic network, MPa.....	0,5-0,6
Overall dimensions of the device, mm, no more than	
Length.....	1600
Width.....	1950
Height.....	2840
Weight, kg, not more than.....	600
Number of operators .....	1

This product can be manufactured according to the technical specifications of the customer, taking into account its predetermined parameters and features.

**Full cycle engineering services**

**Food Machinery**

**Machinery for tires, rubber, plastics manufacturing**

**Machinery for the chemical and oil and gas industry**

**Machinery for the perfumery and cosmetic industry**

**Modernization and automation of production**

**Non-standart equipment**

**Production of spare parts, components, assemblies**

**Outsourcing services - repair and maintenance of equipment**



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