



## RobolInspector - Camera

### Product description

With the RobolInspector you bring an individual solution into often static image processing. By a collaborative lightweight robot and the additional shielding of the robot head you can integrate this flexible solution into your production process without additional protective housing.

The flexible camera solution offers a wide range of applications, which can be extended modularly by standardized additional options and is, for example, perfectly suited for flexible presence and variant control.

### Field of application

Final assembly, quality control, In-Line test and End-of-Line test in the production/manufacturing area



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### Technical data

Test bench/device	
<ul style="list-style-type: none"> <li>• 6-axis lightweight robot</li> <li>• Individual camera and lighting solution at robot flange</li> <li>• Shielding of the respective components for collaborative operation</li> <li>• Industrial PC</li> <li>• Control technology</li> </ul>	
Software	
<ul style="list-style-type: none"> <li>• Image processing software                             <ul style="list-style-type: none"> <li>- Process control</li> <li>- Image processing</li> </ul> </li> <li>• RoboCtrl                             <ul style="list-style-type: none"> <li>- Robot control</li> </ul> </li> <li>• Graphical configuration of image processing sequences</li> </ul>	
Scope of testing	
<ul style="list-style-type: none"> <li>• Fully integrated concept consisting of freely configurable image processing system "NeuroCheck" and freely teachable sequence control "RoboCtrl"</li> <li>• Teaching of single points up to complex path curves by manual pulling of the robot arm</li> <li>• Variant dependent position control and image processing</li> <li>• 2D and 3D measuring tasks</li> <li>• Variant control</li> <li>• Component inspection</li> </ul>	
Input-/visualisation units	Dimensions/Transport
<ul style="list-style-type: none"> <li>• Teachpanel</li> </ul>	<ul style="list-style-type: none"> <li>• Individual, depending on robot type</li> </ul>
Test time	Exemplary device type
<ul style="list-style-type: none"> <li>• Individual, depending on test scope</li> </ul>	<ul style="list-style-type: none"> <li>• 417 5698</li> </ul>