



PLAY DETECTOR

## Joint play detector GST 651 | 230 V

To detect defects and wear in the suspension systems of double-track vehicles | up to 4 t axle load

Article number: 1 691 650 001

## Description

- The geometry of the axle to be tested is displaced by moving the test plates of the GST 6xx. This makes it possible to detect impermissible play at joints and wheel bearings or to localise cracks at stub axles for example.
- The GST 651 is only to be used for the inspection of double-track vehicles with a maximum axle load of 4000 kg.
- Remote control over control lamp with control buttons (Ø 60 mm, length 205 mm, incl. Halogen bulb with reflector, GU5,3 / 38°, 12 V / 20 W)

### Scope of delivery:

- Test plates (2x)
- Control module incl. control lamp
- Hydraulic unit
- Hydraulic line fitting set
- Fitting set
- Hydraulic fluid (Type of fluid DIN 51524 VG 22)

## Technical Data

Weight	228 kg
Fuse protection	16 A
Electrical connection	- 230 V   50 Hz
Max. axle load testable	4000 kg
Test speed	75 mm/s
Power supply fuse	1,6   6,3 A slow-blow
Control voltage	12 V (DC)
Bedienelemente	- Control module and control unit
Remote control	- standard
Supply lead	4 x 2,5 mm <sup>2</sup>
Lifting device, max. stroke	40 mm
Test plate length	730 mm
Test plate width	730 mm
Test plate weight	70 kg
Lifting device hydraulic power unit pump rating	3,2 l/min
Lifting device hydraulic power unit operating pressure	120 bar
Lifting device hydraulic power unit motor rating	1,1 kW
Test plate height	130 mm
Packaging length	1145 mm
Packaging width	820 mm
Packaging height	500 mm
Gross weight	250 kg

Cable length to the control unit	5 m
Bewegung der Prüfplatte	80 mm
Phases	3
Hydraulic oil quantity	18 l
Min. operating temperature	-10 °C
Max. operating temperature	+60 °C
Relative humidity max.	85 %
Max. drive-over load	4000 kg
Min. storage temperature	-25 °C
Max. storage temperature	80 °C
Thrust per cylinder	12000 N
Lifting device hydraulic power unit motor speed	1410 rpm
Control module dimensions (W x D x H)	360 x 150 x 200 mm

## Accessories

1 691 651 001	Installation frame for play detector GST 651
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