NEW!

SCOUT® *triax*

Self Navigating, Mobile Robot
with 3-Axis-Handling Unit

Powered by

MetraLabs
mobile robots

SCOUT®*triax*

The mobile robot is equipped with a 3-axis-handling unit for autonomous material pick & place applications, which require a handling in different heights.

It navigates autonomously and does not require any guidance systems neither on the floor nor on the ceiling. Once it has been programmed, it is capable of operating without human assistance. Operators are no longer interrupted by material transportation and handling tasks.

Other SCOUT® models:

SCOUT®*reticle* for reticle transportation

SCOUT®*4four* for HA-200 boxes / SMIF pods

SCOUT®*active* with 6-axis-handling unit

SCOUT®*roro* with conveyor unit

Features:

- **Autonomous navigation**

- **Proven cleanroom suitability up to ISO class 3/US FED class 1**

- **Daily working period up to approx. 18 hours with 5 hours of charging**

- **Detection of the environment and people and avoidance of hindrances including permanent, optimized path planning via use of innovative 3D sensor technology**

- **Moderate investment and low operating costs**

Technical Data

Dimensions (w x h x l)	580 × 2180 × 710 mm
Gripper working area	830 – 1670 mm height
Gripper	Various versions available
Power supply	230 VAC
Weight	appr. 70 kg
Mobile platform	SCITOS G5 by Metralabs
Max. payload	6 kg
Speed	Translation up to 1.4 m/s
Clean room class	ISO class 3/US FED class 1
Operation time	Up to 18 hrs
Charging time	5 hrs
WiFi based fab wide tracking and transport job management	

SCOUT® in Action:

A member of Meyer Burger Group