

ContainerWeight API

V4

Container module

Module URL

[https://api.containerweight.com/container/\[ContainerNumber\]](https://api.containerweight.com/container/[ContainerNumber])

Optional query-string parameters:

RequestedServices

- 1 = request Tare weight
- 2 = request Size-type
- 3 = request Tare weight & size-type
- 4 = request Max gross weight
- 5 = request Max gross weight & tare weight
- 6 = request Max gross weight & size-type
- 7 = request Max gross weight & tare weight & size-type

Example:

<https://api.containerweight.com/container/TESU1234567?RequestedServices=1>

If this query-string parameter is excluded, the requested services are requested as configured in the 'my.containerweight.com' client-portal in the company details.

Services

Select the services that you want to activate:

- ☒ Size-type service
- ☒ Tare weight service
- ☒ Max gross weight service

Metric type

Kilogram (kg) ▼

Request header

Content-Type: application/json

Authorization: [Token]

Possible API Error messages

- Invalid token (401)
- Access is denied (401)
- Container number is invalid (400)
- Container number not found (404)
- Container prefix not found (404)
- Insufficient balance (402)

Online sample

<https://apitester.com/shared/checks/375c4d97211a462994acd71f55c7fcc3>

Replace [ContainerNumber] with the container number (f.e. use TESU1234567 for testing a 'valid' example without using credits)

Replace [Token] by your personal API token

Valid example

Request:

<https://api.containerweight.com/container/TESU1234567?RequestedServices=7>

Response (Statuscode 200 Ok):

```
{
  "success":true,
  "containerNumber":"TESU1234567",
  "tareWeight":2200,
  "maxGrossWeight":30480
  ,"metricType":"Kg"
  ,"isoType":"22G1"
  ,"warningMessage":null
  ,"errorMessage":null
  ,"suggestedContainerNumber":null
}
```

Container number not found example

Request:

<https://api.containerweight.com/container/TESU00000008>

Response (Statuscode 404 NotFound):

```
{
  "success": false,
  "containerNumber": null,
  "tareWeight": null,
  "maxGrossWeight":null,
  "metricType": null,
  "isoType": null,
  "warningMessage": null,
  "errorMessage": "Container number not found",
  "suggestedContainerNumber": null
}
```

Invalid container number example

Request:

<https://api.containerweight.com/container/TESU11111111>

Response (Statuscode 400 BadRequest):

```
{
  "success": false,
  "containerNumber": "TESU11111111",
  "tareWeight": null,
  "maxGrossWeight": null,
  "metricType": null,
  "isoType": null,
  "warningMessage": null,
  "errorMessage": "Container number is invalid",
  "suggestedContainerNumber": "TESU11111114"
}
```

Container prefix not found example

Request:

<https://api.containerweight.com/container/TESU22222220>

Response (Statuscode 404 NotFound):

```
{
  "success": false,
  "containerNumber": "TESU22222220",
  "tareWeight": null,
  "maxGrossWeight": null,
  "metricType": null,
  "isoType": null,
  "warningMessage": null,
  "errorMessage": "Container prefix not found",
  "suggestedContainerNumber": null
}
```

Insufficient balance example

Request:

<https://api.containerweight.com/container/TESU3333337>

Response (Statuscode 402 PaymentRequired):

```
{
  "success": false,
  "containerNumber": "TESU3333337",
  "tareWeight": null,
  "maxGrossWeight": null,
  "metricType": null,
  "isoType": null,
  "warningMessage": null,
  "errorMessage": "Insufficient balance",
  "suggestedContainerNumber": null
}
```

Request from non-whitelisted IP example

This can be configured in the 'my.containerweight.com' client-portal in the API settings.

Request:

<https://api.containerweight.com/container/TESU4444443>

Response (Statuscode 401 Unauthorized):

```
{
  "success": false,
  "containerNumber": "TESU4444443",
  "tareWeight": null,
  "maxGrossWeight": null,
  "metricType": null,
  "isoType": null,
  "warningMessage": null,
  "errorMessage": "Access is denied",
  "suggestedContainerNumber": null
}
```