

## Universal Accumulator Charging Kit

Analogue



Digital



### Product Description

STAUFF universal accumulator charging kit is an essential instrument for the verification, pressurisation and gas bleeding of hydraulic accumulators, suitable for most common bladder and diaphragm accumulators.

### Features - Analogue Gauges

The standard kit is delivered in a storage case containing the following:

- ① 1 x Charging head for testing and pressurising (swivel connection M28x1.5)
- ② 1 x Adaptor 1/4" BSPP
- ③ 1 x Adaptor 5/8-18 UNF
- ④ 1 x Adaptor (long) 7/8-14 UNF
- ⑥ 1 x Adaptor (short) Integrated 7/8-14 UNF
- ⑧ 1 x 0 - 100 bar/PSI safety pattern pressure gauge + adaptor SMD-20-G1/4-B-OR-W3
- ⑨ 1 x 0 - 250 bar/PSI safety pattern pressure gauge + adaptor SMD-20-G1/4-B-OR-W3
- ⑩ 1 x Adaptor 5/8-18 UNF - 0.305"
- ⑪ 1 x High-pressure gas hose (2000 mm long) for connecting to a nitrogen gas source - SKK-20-1/4" BSPP female
- ⑫ 1 x Safety goggles
- ⑬ 1 x Hex key 6 mm
- ⑭ 1 x Operating instructions

### Features - Digital Gauge


- ⑮ 1 x 0 - 400 bar digital pressure gauge + adaptor SDA-20-G1/4-W3

### Optional Bottle Adaptors

- Type 50 gas bottle adaptor (17,000 kPa)
  - Type 51 gas bottle adaptor (30,000 kPa)
- Refer to page 49

### Application

- For checking and pre-charging common types of accumulators

 Maximum working pressure of this equipment (excluding individual pressure rating of gauges) is 400 bar.

### Order Codes

**STA-CK - 250/100S-G - HA21 - A1 - 0**

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#### ① Type

STAUFF Accumulator Charge Kit **STA-CK**

#### ② Pressure Gauges Including Gauge Adaptor

0 - 250 bar/PSI + 0 - 100 bar/PSI **250/100S-G**  
 0 - 400 bar/PSI + 0 - 250 bar/PSI **400/250S-G**  
 0 - 400 bar (digital pressure gauge) **B0400D-G**

#### ③ Charging Hose

SGS-D Test 20 - 1/4" BSPP DN4 Gas **HA21**  
 Hose 2000 mm (standard)

#### ④ Charging Adaptors

1/4" BSPP (STAUFF - Olaer) **A1**  
 5/8-18 UNF (EPE)  
 7/8-14 UNF Long (Hydac)  
 7/8-14 UNF Short (STAUFF - Olaer Integrated)  
 0.305" x 32 TPI (USA)

#### ⑤ Gas Bottle Adaptors

Without Gas Bottle Adaptors (standard) **0**

Item No.	Designation
6100162729	STA-CK-250/100S-G-HA21-A1-0 (standard)
6100162730	STA-CK-400/250S-G-HA21-A1-0
6100045971	STA-CK-B0400D-G-HA21-A1-0

### Typical Installation



Bladder accumulator



Diaphragm accumulator



Bladder accumulator (DIGI Gauge)



Diaphragm accumulator (DIGI Gauge)

**Note:** STAUFF pressure gauges are safety pattern type according to AS1349 with safety glass, solid baffle wall, and a stainless steel construction with excellent stability and shock resistance.

